OPERATING MANUAL

Hausted® A.P.C. Series Models and Surgi-Chairs – Electric Powered Models: EPC, EPD, ESC, & ESD

(11/15/06) **068870**

A WORD FROM STERIS CORPORATION

This manual contains important information on proper use and maintenance of the Hausted® Electric Powered Chairs. **All personnel involved in the use and maintenance of this equipment must carefully review and comply with the warnings, cautions and instructions contained in this manual.** These instructions are important to protect the health and safety of personnel operating Model's EPC, EPD, ESC, and ESD and should be retained in a conveniently accessible area for quick reference.

Complete instructions for uncrating and connecting utilities, as well as equipment drawings, have been furnished. If missing, contact STERIS for replacement copies, giving the serial number and model numbers of the unit.

STERIS carries a complete line of accessories for use with this chair. A STERIS representative will gladly review these with you.

Indications for Use

The Hausted® Electric Powered Chairs are intended for use in patient treatment, transport or recovery.

Service Information

A thorough preventive maintenance program is essential to safe and proper unit operation. This manual contains maintenance schedules and procedures which should be followed for satisfactory equipment performance.

You are encouraged to contact STERIS concerning our comprehensive Annual Maintenance Agreements. Under the terms of these agreements, preventive maintenance, adjustments, and replacement of worn parts are done on a scheduled basis to assure equipment performance at peak capability and to help avoid untimely or costly interruptions. STERIS maintains a global staff of well equipped, factory-trained technicians to provide this service, as well as expert repair services. Please contact your STERIS representative for details.

Advisory

A listing of the safety precautions to be observed when operating and servicing this equipment can be found in Section 1 of this manual. Do not operate or service the equipment until you have become familiar with this information.

Any alteration of this equipment not authorized or performed by STERIS Engineering Service which could affect its operation will void the warranty, could adversely affect sterilization efficacy, could violate national, state, and local regulations, and could jeopardize your insurance coverage.

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CE

EC Authorized Representative

STERIS Limited
STERIS House
Jays Close
Viables
Basingstoke
Hampshire
RG22 4AX
UNITED KINGDOM

Manufactured by:
STERIS Corporation
2720 Gunter Park East
Montgomery, AL 36109 • USA

TEL: 334 277 6660
FAX: 334 271 5450

Class 1 Equipment

Type B Equipment

Equipment not suitable for use in the presence of a flammable anesthetic mixture with air or oxygen or nitrous oxide.

IPX4 (Splash-proof Equipment)

Not suitable for continuous operation (Duty Cycle: 10% six minutes in one hour)

STERIS Corporation, Montgomery, Alabama is an ISO 13485 certified facility.

The base language of this document is ENGLISH. Any translations must be made from the base language document.

www.steris.com

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LISTING OF WARNINGS AND CAUTIONS

1

The following is a listing of the safety precautions which must be observed when operating and servicing this equipment. WARNINGS indicate the potential for danger to personnel, and CAUTIONS indicate the potential for damage to equipment. These precautions are repeated (in whole or in part), where applicable, throughout the manual.

WARNING – LACERATION HAZARD:

- When cutting bands always use a tool specifically designed for that purpose. This will help to avoid personal injuries frequently incurred when bands are cut and tension released.

WARNING – SHOCK HAZARD:

- To reduce the risk of electric shock, do not remove the cover. Unit is to be serviced by qualified personnel only.

WARNING – PERSONAL INJURY HAZARD:

- The batteries are wired in series, failure to connect the same way can cause the batteries to explode.

WARNINGS – CAUTIONS AND PROPER OPERATION:

- The chair has a warning label located on the back section stating: Maximum patient weight 147 kilograms (325 lbs.)
- The chair is not intended to replace a stretcher or gurney.
- The chair has warning labels on both the head and foot end stating: Do not sit on end - as tipping may occur.
- Do not stand on foot rest – tipping may occur.
- When not in use, do not leave the chair in a recline postition.
- When patient is seated in the chair, the side rails should be up and the patient should be secured with restraint straps.
- Patient entry, egress and transfer from the chair should always be from the center side rail location with the side rail in the down position and brakes locked.
- At no time should the patient be permitted to enter or exit from the ends of the chair when in partial or total recline position.
- The brakes should always be locked when patient is not being transported.
- The patient pendant has a warning label on it stating: Place pendant in holder when not in use – keep cord clear of moving parts.
- It is important to remember that all electric powered chairs are equipped with a built in battery back-up system but: It is recommended that the unit remain plugged in wall receptacle during normal use. The battery back-up is recommended for transport and emergency only.
- The backrest quick drop handle is intended to be used during emergency situations only.
- To turn electric controls on, plug into wall receptacle. To turn off, remove plug from wall receptacle. The electric powered chairs do not have a seperate on/off switch.

WARNINGS – CAUTIONS AND PROPER OPERATION (Continued):

- The chair has a warning label located on the control box cover stating: To reduce the risk of electrical shock do not remove the cover. Service by qualified personel only.
- Always disconnect the power source whenever servicing any electric powered chair.
- Do not use a sharp instrument to remove fuse, as it may scratch the circuit board.
- The batteries are wired in series, failure to install or rewire the same way may cause the batteries to explode.
- Steam cleaning and pressure washing of electric powered chairs is not recommended and can void warranty.

CAUTION – POSSIBLE EQUIPMENT DAMAGE HAZARD :

- Steam cleaning and pressure washing of stretcher is not recommended and can void warranty.

Healthcare Capital Equipment

UNPACKING INSTRUCTIONS

IMPORTANT: Report any shipping damage immediately! Inform shipper of any damages – leave carton intact. Leave the stretcher in the receiving area until inspection is complete.

Your electric chair has been carefully packaged at our manufacturing plant to ensure safe shipment to your medical facility. There are several procedures you must follow to put your new chair into service. These procedures only take a few minutes to complete and are required to ensure proper operation of the chair.

WARNING – LACERATION HAZARD: When cutting bands always use a tool specifically designed for that purpose. This will help to avoid personal injuries frequently incurred when bands are cut and tension released.

Step 1 - Cut the bands around the shipping carton.

Step 2 - Remove the top half of the carton and cut one side of the bottom half.

Step 3 - Remove the chair from the carton. Cut the bands from around the chair.

Step 4 - Check to see if all features of the chair work properly.

***NOTE**: You must first plug the unit into a wall socket to check any electric features, as the battery has not been charged (see Step 6). If all features work properly, go to Step 5. If any of the features of the chair do not work properly call STERIS for service at 1-800-333-8828.*

Step 5 - Clean the chair using a mild detergent to remove any dirt accumulated during shipment (see *Preventiative Maintenance & Cleaning*, Section 5).

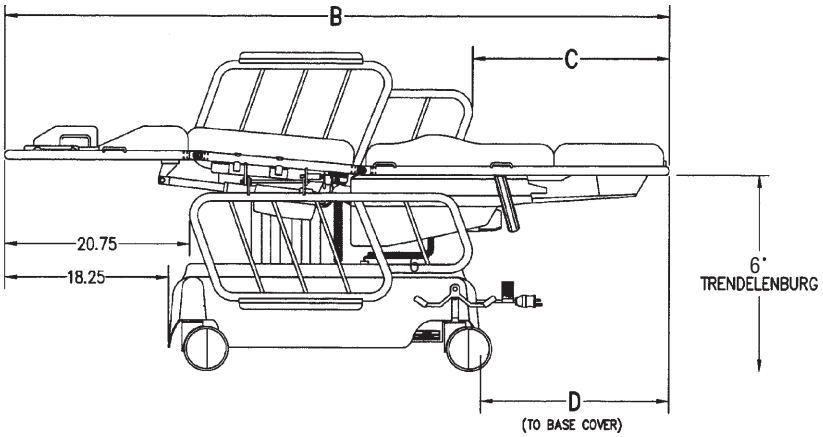
Step 6 - Plug the unit into a wall socket and charge the battery backup system for approximately 8 hours.

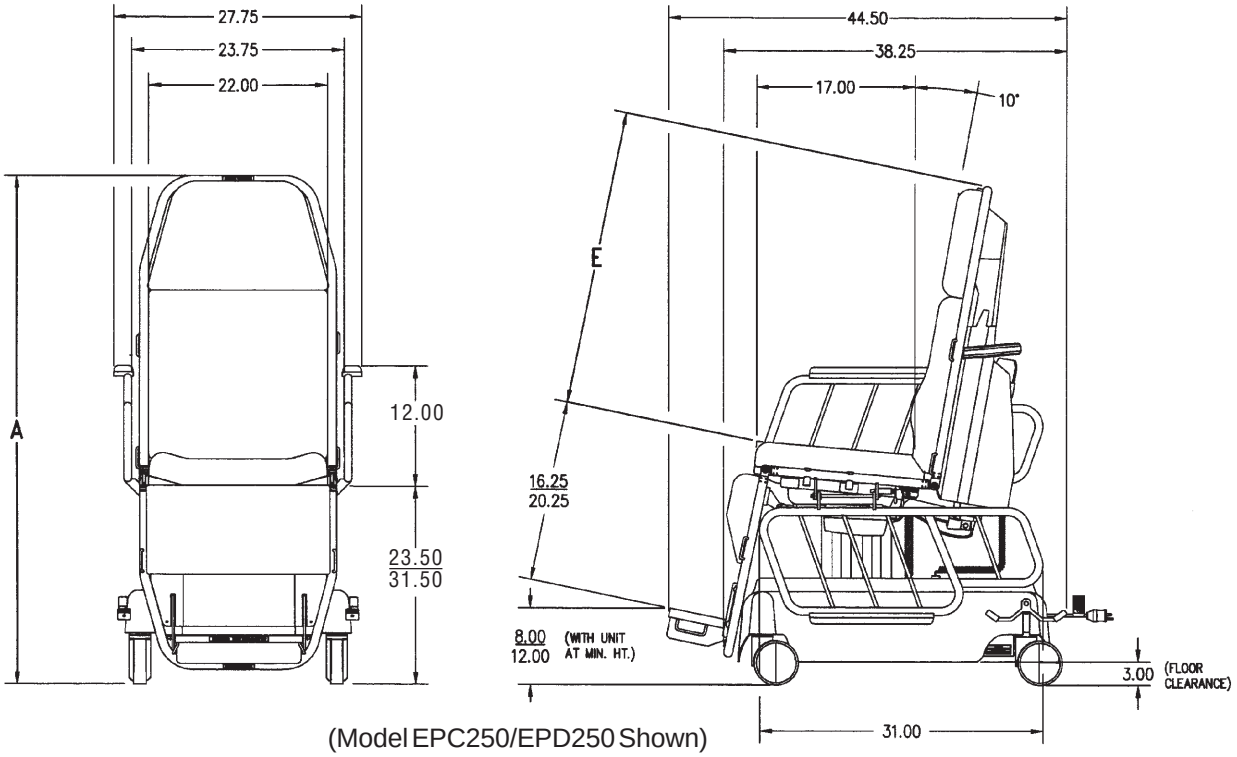
Step 7 - Place the unit into service.

3.1 Chair Specifications

***NOTE**: All dimensions are specified in inches. All dimensions are +/-.375. Stacked dimensions are minimum (top) and maximum (bottom). STERIS reserves the right to change specifications without notice.*

MODEL	DIMENSION				
	A	B	C	D	E
EPC250/ EPD250	56.50 / 64.50	75.00	23.00	22.00	32.50
ESC275/ ESD275 w/o Ext.	56.50 / 64.50	75.00	23.00	22.00	32.50
ESC275/ ESD275 w/Ext.	58.50 / 66.50	77.00	25.00	24.00	34.50
ESCEYE/ ESDEYE w/o Ext.	56.50 / 64.50	75.00	23.00	22.00	32.50
ESCEYE/ ESDEYE w/Ext.	59.00 / 67.00	77.50	25.50	24.50	35.00





(Model EPC250/EPD250 Shown)

Electrical Specifications
(Applies only to EPC and ESC Models)

Product Classifiation:	1
Input Voltage:	120V ~, +/-5%, 60Hz
Amperage:	Max. 3.5A
Duty cycle:	10% 6 Min in 1 Hr.
IP Rating:	IPX 4
Grounding Protection:	Type B

Electrical Specifications
(Applies only to EPD and ESD Models)

Product Classifiation:	1
Input Voltage:	230V ~, +/-10%, 50Hz
Amperage:	Max. 1.9A
Duty cycle:	10% 6 Min in 1 Hr.
IP Rating:	IPX 4
Grounding Protection:	Type B

3.2 Features, Warnings and Proper Operation

WARNING – CAUTIONS AND PROPER OPERATION:

A– The chair has a warning label located on the back section stating: Maximum patient weight 147 kilograms (325 pounds).

B– The chair is not intended to replace a stretcher or gurney.

C– The chair has warning labels on both the head and foot end stating: Do not sit on end - as tipping may occur.

D– The chair has warning label on the foot rest stating: Do not stand on foot rest.

E– When not in use, do not leave the chair in a recline position.

F– When patient is seated in the chair, the side rails should be up and the patient should be secured with restraint straps.

G– Patient entry, egress and transfer from the chair should always be from the center side rail location with the side rail in the down position and brakes locked.

H– At no time should the patient be permitted to enter or exit from the ends of the chair when in partial or total recline position.

I– The brakes should always be locked when patient is not being transported.

J– The patient pendant has a warning label on it stating: Place pendant in holder when not in use — keep cord clear of moving parts

K– It is important to remember that all electric powered chairs are equipped with a built in battery backup system but: It is recommended that the unit remain plugged in wall receptacle during normal use. The battery backup is recommended for transport and emergency only.

L– The backrest quick drop handle is intended to be used during emergency situations only.

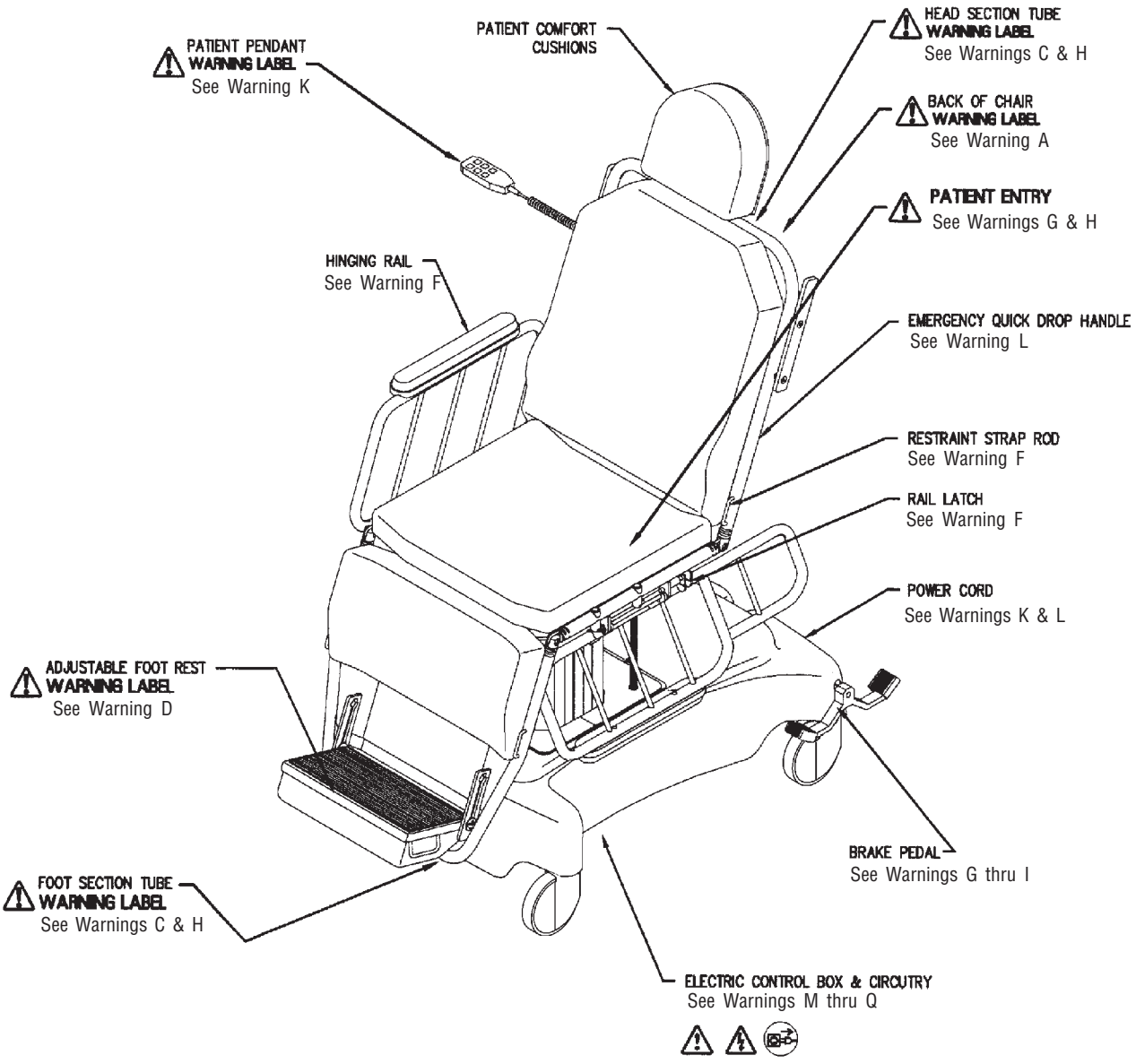
M– To turn electric controls on, plug into wall receptacle. To turn off, remove plug from wall receptacle. The electric powered chairs do not have a separate on/off switch.

N– The chair has a warning label located on thecontrol box cover stating: To reduce the risk of electrical shock do not remove the cover. Service by qualified personnel only.

O– Always disconnect the power source whenever servicing any electric powered chair.

P– Do not use a sharp instrument to remove fuse, as it may scratch the circuit board

Q– The batteries are wired in series, failure to install or rewire the same way may cause the batteries to explode.


PATIENT PENDANT
WARNING LABEL
See Warning K
PATIENT COMFORT
CUSHIONS
HEAD SECTION TUBE
WARNING LABEL
See Warnings C & H
BACK OF CHAIR
WARNING LABEL
See Warning A
PATIENT ENTRY
See Warnings G & H
HINGING RAIL
See Warning F
EMERGENCY QUICK DROP HANDLE
See Warning L
RESTRAINT STRAP ROD
See Warning F
RAIL LATCH
See Warning F
POWER CORD
See Warnings K & L
ADJUSTABLE FOOT REST
WARNING LABEL
See Warning D
BRAKE PEDAL
See Warnings G thru I
FOOT SECTION TUBE
WARNING LABEL
See Warnings C & H
ELECTRIC CONTROL BOX & CIRCUITRY
See Warnings M thru Q

3.3 Braking and Steering

3.3.1 Applying the Brakes

The four wheel central braking system is activated by depressing the red pedal at either the left or right side at the head end of the unit (Figure 3-1). To fully engage the brakes, the pedal should be pressed to approximately 45°. All four casters should be locked from swiveling and rotating.

Figure 3-1

3.3.2 Releasing the Brakes

Depress the green pedal at either of the head end corners of the unit, until the pedal is in a horizontal position (Figure 3-2). All four wheels should rotate and swivel freely.

NOTE: Brakes should always be activated when unit is not in transport

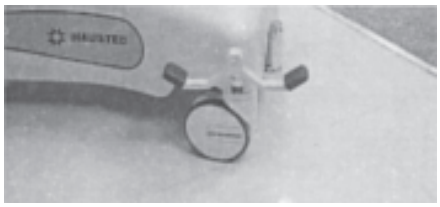


Figure 3-2

3.3.3 Applying the Steering Lock

From the head end of the chair, depress the green pedal downward into locked position (Figure 3-3). Push the chair forward. Both casters at the foot end will lock into a non-swivel mode. The steering lock will then guide the chair along a straight path with minimal steering effort by the attendant.

Figure 3-3

3.3.4 Releasing the Steering Lock

Depress the red pedal at either of the head end corners of the unit, until the pedal is in a horizontal position (Figure 3-2). All four casters should rotate and swivel freely.

3.4 Electric Control Locations

3.4.1 Pendant Control

CAUTION: Place pendant in holder when not in use. Keep cord clear of moving parts.

The pendant is located in the pendant holder on the back of the chair (Figure 3-4).

Figure 3-4

3.4.2 Plug Location

This chair is equipped with a battery back up for transport but the unit should be plugged into a wall receptacle when not in transport. The plug is located on back of the base cover.

***IMPORTANT**: It is recommended that the unit remain plugged in a wall receptacle during normal use. Battery backup is recommended for transport only.*

Figure 3-5

3.4.3 Low Battery Light (L.E.D.)

This chair is equipped with a low battery indicator light, located on top of the base cover on the patients left (Figure 3-6). When a button on the pendant is pressed, and the L.E.D. light comes on, it indicates that the backup batteries require charging, plug the unit into a wall receptacle.

Figure 3-6

3.5 Top Adjustments

3.5.1 Height Adjustment

CAUTION: Place pendant in holder when not in use. Keep cord clear of moving parts

Remove the pendant from pendant holder, (see Section 3.4.1, *Pendant Control*).

Raising: Press the first button on the third row of buttons on the pendant (Figure 3-8) hold until the desired height is achieved.

Lowering: Press the second button on the third row of buttons on the pendant (Figure 3-9) hold until the desired height is achieved.

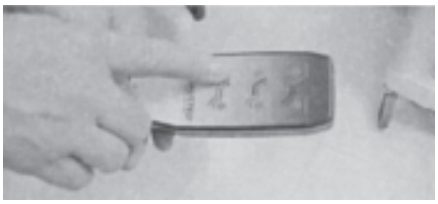


Figure 3-8

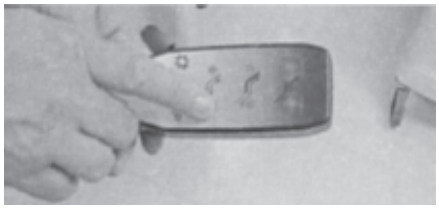


Figure 3-9

3.5.2 Foot Section Adjustment

Raising: Press the first button on the second row of buttons on the pendant (Figure 3-10) hold until the desired angle is achieved.

Lowering: Press the second button on the second row of buttons on the pendant (Figure 3-11) hold until the desired angle is achieved.

Figure 3-10

Figure 3-11

3.5.3 Back Section Adjustment

Raising: Press the first button on the first row of buttons on the pendant (Figure 3-12) hold until the desired recline is achieved.

Lowering: Press the second button on the first row of buttons on the pendant (Figure 3-13) hold until the desired incline is achieved.

Figure 3-12

Figure 3-13

3.5.4 Quick Drop Activation

This chair is equipped with a manual override function for the back section of the chair. This option should only be used in an emergency situation. To activate the quick drop, support the back section and pull upward on the red activating handle located on the back of the chair (Figure 3-14).

Figure 3-14

3.6 Adjustable Footrest

3.6.1 Repositioning the Footrest

WARNING–TIPPING HAZARD: Do not stand on foot rest – tipping may occur.

The footrest has three positions; retracted, lower and the upper positions. With the pan in the retracted position, pull out on the handles on either side of pan (Figure 3-15). The footrest will drop into the lower position. To place the footrest into the upper position, grasp the handles on both sides of the pan. Tilt the pan up while lifting (Figure 3-15). Once the pan is in the fully up position, tilt the pan out until it locks into the upper position (Figure 3-16). To return the footrest into the retracted position, tilt the pan up while letting it slide down (Figure 3-15) into the lower standard position. Continue tilting the footrest until it is in the retracted position.

Figure 3-15

Figure 3-16

3.7 Hinging Rails

3.7.1 Repositioning the Rail

WARNING: When patient is seated in the chair, the side rails should be up and the patient should be secured with restraint straps.

The chair rail has two positions, up and down. Both positions lock the rail into place. To lower the rail, while supporting the rail (Figure 3-17), squeeze the two red tabs under the seat (Figure 3-18). Allow the rail to hinge all the way down until it locks into place. To raise the rail, squeeze the two red tabs under the seat (Figure 3-18). Lift the rail all the way up until it locks into place (Figure 3-17).

Figure 3-17

Figure 3-18

3.8 ESC275/ESD275 Headrest Operation

3.8.1 Pre-op/Post-op Head Extension

Figure 3-19

To remove the head extension, loosen the small “T” knob under the headrest (Figure 3-19). With the knob loose, pull out on the head extension. To replace the extension, slide the extension over the head piece using the guides. Push the extension against the headrest and tighten the “T” knob (Figure 3-19).

3.8.2 Adjusting the ESC275/ESD275 Headrest

Figure 3-20

Remove head extension (see *Pre-op/Post-op Head Extension*, Section 3.8.1). Grasp the large “T” knob on bottom of headrest and grasp the side of head rest (Figure 3-20). Pull the “T” knob toward the back of headrest. While the “T” knob is pulled back, pivot the headrest to the desired position and then release the knob.

3.8.3 Mounting the Wrist Rest (Optional Accessory)

Figure 3-21

Place the wrist rest into one of the three square sockets under the headrest. Tighten the small “T” knob located on the socket being used (Figure 3-21).

***NOTE**: Be sure the wrist rest is secure before applying any pressure.*

3.9 ESCEYE/ESDEYE Headrest

3.9.1 Pre-op/Post-op Head Extension

To remove the head extension, rotate the knob on the middle / end section of the extension, counterclockwise (Figure 3-22). With knob loose, pull out on the extension. To install the extension, slide the extension over the head board using the guides on the extension. Push the extension fully against the head board, then tighten the knob on the end of the extension.

Figure 3-22

Figure 3-23

Figure 3-24

3.9.2 Adjusting the ESCEYE/ESDEYE Headrest

Remove head extension (see *Pre-op/Post-op Head Extension*, Section 3.9.1). Grasp the right ball style knob (Figure 3-23), and rotate the knob counterclockwise to articulate the head section upward (Figure 3-24). Rotate the knob clockwise to articulate the head section downward (Figure 3-25). Once the upward articulation has been set, grasp the left ball style knob (Figure 3-26), and rotate the knob counterclockwise to adjust the height of the head rest (Figure 3-27).

IMPORTANT POINT: after understanding which knob creates which action, quick and smooth adjustment can be achieved by rotating the knobs simultaneously (Figure 3-28).

Figure 3-25

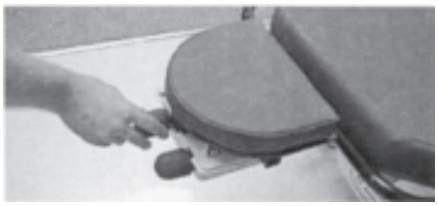


Figure 3-26

Figure 3-27

Figure 3-28

3.9.3 Mounting the Wrist Rest (Optional Accessory)

Place the wrist rest into one of the three square sockets under the headrest (Figure 3-29). Rotate the "T" knob on the back of the wrist rest (Figure 3-30) clockwise.

***NOTE**: Be sure the wrist rest is secure before applying any pressure.*

Figure 3-29

Figure 3-30

3.10 Common Optional Accessories

3.10.1 Adjusting the Wrist Rest

Properly install the wrist rest (see either 275 headrest or the eye headrest instructions). Support the wrist rest and loosen the black "star" knob on the side of the support post (Figure 3-31).

Position the wrist rest to desired height and rotation. Tighten the "star" knob located on side of the support post (Figure 3-31)

***NOTE**: Be sure the wrist rest is secure before applying any pressure.*

Figure 3-31

3.10.2 Installing #18 I.V. Rod

Remove the I.V. Rod from the clips located on the base (Figure 3-32). Pull seat pad away from seat section tube on preferred side of patient and insert I.V. Rod into preferred socket (Figure 3-33). Place I.V. Rod back into storage clips when not in use (Figure 3-32).

Figure 3-32

Figure 3-33

3.10.3 Using Restraint Straps

Locate both ends of the restraint strap, on either side of the chair. One will have a square loop on the end, and the other will have Velcro (Figure 3-34). Slide the end of the strap with the velcro through the loop on the other strap (Figure 3-35). Pull out on the strap until the patient is secure. Fold the velcro end of the strap back until it makes contact with the mating velcro on the strap (Figure 3-36).

Figure 3-34

Figure 3-35

Figure 3-36

4.1 Electric Powered Chairs

WARNING – SHOCK HAZARD: To reduce the risk of electric shock, do not remove the cover. Unit is to be serviced by qualified personnel only.

If	Then
One motor or one column does not move but all others are operating correctly.	Step1: Check all motor and column plug connections at the controller box. Step 2: If a column does not move: Check the the connection at the column. Step 3: Plug a connector from the faulty component into a different socket: If the component does not run: – Replace that component. If the component does run: – Test pendant by plugging a functioning component into the non-functioning socket on the controller. If this component does not run, replace the pendant. If replacing the pendant does not fix the problem, then the controller must be replaced.
Nothing moves The unit runs when plugged into wall receptacle, but does not run on the battery backup.	Step 1: Plug unit into a mains supply wall receptacle, observe the pilot light on the controller: If the pilot light is off: - Replace the controller If the pilot light is on: 1. Check the pendant control plug connection at the controller.
	Step 1: Plug unit into a wall receptacle overnight. If the batteries do not hold a charge, replace the batteries.

4.2 Battery Replacement Instructions

WARNING – SHOCK HAZARD: To reduce the risk of electric shock, do not remove the cover. Unit is to be serviced by qualified personnel only.

WARNING – PERSONAL INJURY HAZARD: The batteries are wired in series, failure to connect the same way can cause the batteries to explode.

The batteries are the only field serviceable components - do not attempt to repair the circuit boards.	
Battery replacement	Step 1: Remove the controller. Step 2: Remove the 4 screws from the right half, located on top of the controller. Step 3: (After 4/11/00) replace (2) batteries with 'YUSHA' #NP 1.2-12, 12 volt, 1.2 Ah batteries. (Steris P/N 075759 – 2 required, for CB-12 controllers). (Before 4/1/00) replace (4) batteries with 'YUSHA' #NP 1.2-6, 6 volt, 1.2 Ah batteries. (Steris P/N 068897 – 4 required, for CB-10 controllers). Step 4: Be sure battery connector in place on left side of batteries. Step 5: Replace cover.

Procedure	Schedule	Material
Lubricate all moving and sliding parts and hinge points.	3 Months	Lubricating oil, light-duty grease, wax stick lubricant or Never-Seez lubricant.
⚠ Never Lubricate Gas Spring, Motor and Mech-Lock Shafts ⚠		
Inspect all fasteners to ensure proper fit, position and tightness (including nuts, bolts, etc.).	3 Months	Proper size wrench and screw-driver.
Inspect all surfaces and remove any user developed sharp or burred areas. Apply touch-up where required.	3 Months	Metal File, proper color paint (specify color when ordering) .

5.1 Recommended Cleaning Instructions

⚠ CAUTION – POSSIBLE EQUIPMENT DAMAGE
HAZARD: Steam cleaning and pressure washing of stretcher is not recommended and can void warranty.

Component	Cleaning Procedure	Schedule	Cleaning Agent	Special Notes
Pads	Wipe with damp cloth to remove any foreign materials.	After Each Use	Routine hospital grade disinfectants, soap and water.	• Use only medium strength cleaners. • Do not steam clean or pressure wash.
Electronic	Wipe with damp cloth to remove any foreign materials.	After each use	Routine hospital grade disinfectants, soap and water.	• Use only medium strength cleaners. • Do not steam clean or pressure wash. • Be sure any wet surface on electric components is dry before pluging in to wall receptiacle.
Mechanical Chair	Wipe with a damp cloth to remove any foreign materials.	After each use	Routine hospital grade disinfectants, soap and water.	Lubricate pivot points after cleaning.
Mechanical Accessories	Wipe with a damp cloth to remove any foreign materials.	After each use	Routine hospital grade disinfectants, soap and water.	Lubricate pivot points after cleaning.

For more details information, please contact STERIS Corporation at:1-800-333-8828

OPTIONAL ACCESSORIES

6

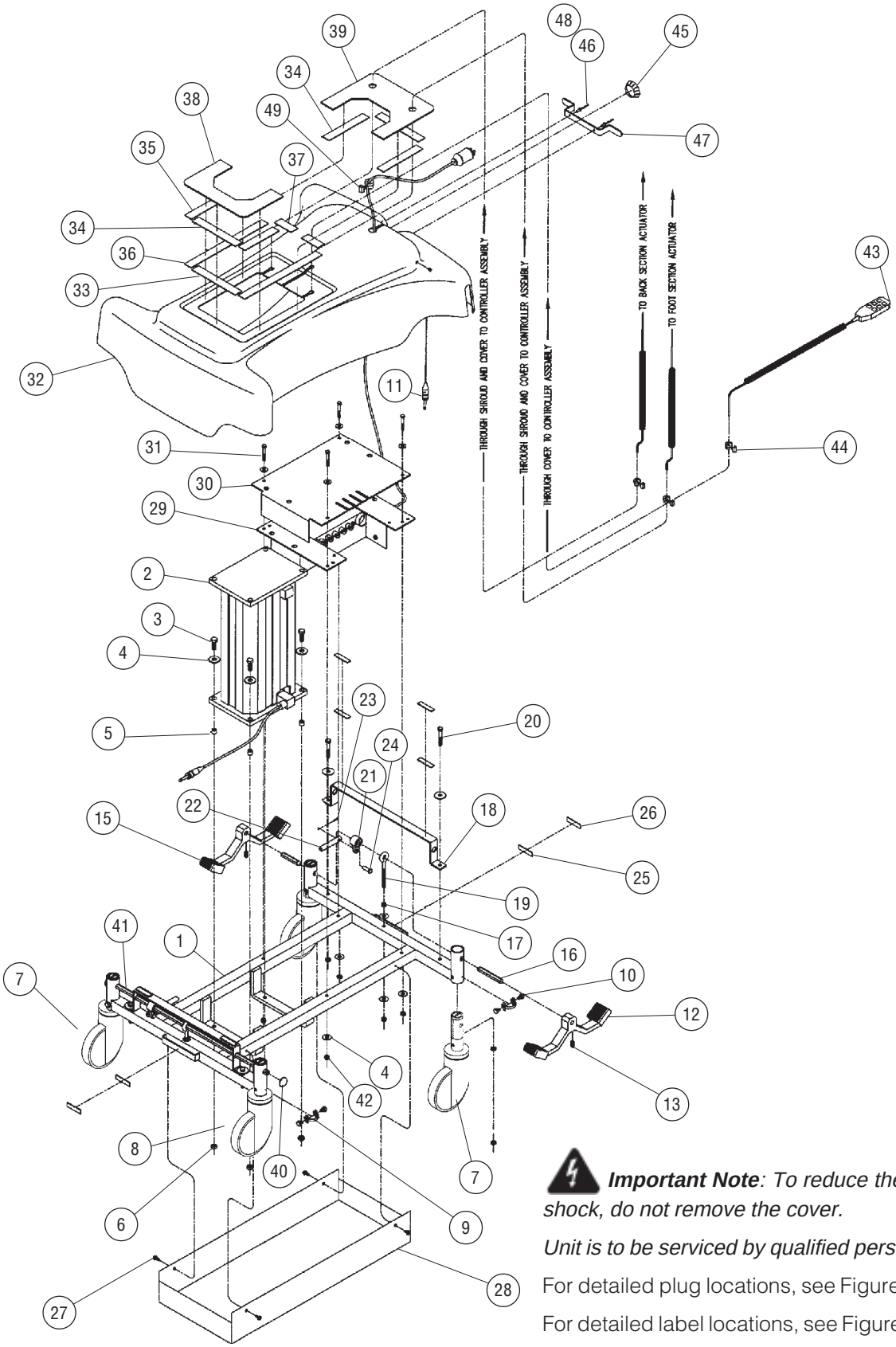
PART NUMBER	DESCRIPTION
	UNIVERSAL ACCESSORIES
APC012-00	Restraint straps with velcro
000018-00	Telescoping in. Rod, 27" to 50" 2 section, with holder, stainless
APC026-00	Heel stirrups nth mounting adaptors
APC027-00	Knee crutches with mounting adaptors
APC14D-00	Oxygen tank holder
061280-00	Heavy duty 5" casters
075300-00	Flip down side tables built in to arm rests / rails.
SA0755-00	Foot pedal controls
	ESC275 & ESCEYE ONLY
068167-00	Patient tray
128450-00	Vertical oxygen tank holder
P134469-381	Universal accessory rail clamp
SA0413-00	Armboard with 2" pad and preattached clamp
	EPC250 ONLY
069257-00	Paper Roll holder
APC021-00	Patient tray with storage rack
APC025-00	Surgical procedure telescoping support legs
061239-00	Armboard with pad for reclined position
065990-00	Armboard with pad for sitting position
SA0100-00	Surgical accessory mounting rail I.V. well mount
	ESC275 ONLY
SA0749-00	Dual side lateral access wrist rest
SA0746-00	Full “U” over the brow wrist rest
	ESCEYE ONLY
069257-00	Paper Roll holder
APC025-00	Surgical support leg kit
SA0413-00	Armboard with 2" pad and pre-attached clamp (Qty. 1)
P150830-447	Pad, 2" head boltaflex black (convoluted)
SA0785-00	Dual side lateral access wrist rest
SA0786-00	Full “U” over the brow wrist rest
SA0100-00	Surgical accessory mounting rail I.V. well mount

It is recommended that only STERIS approved accessories be used with this device.

To order accessories or for more detailed information on accessories please contact STERIS at: 1-800-333-8828

ILLUSTRATED PARTS BREAKDOWN

7


THROUGH SHROUD AND COVER TO CONTROLLER ASSEMBLY
THROUGH SHROUD AND COVER TO CONTROLLER ASSEMBLY
THROUGH COVER TO CONTROLLER ASSEMBLY
TO BACK SECTION ACTUATOR
TO FOOT SECTION ACTUATOR

***Important Note**: To reduce the risk of electric shock, do not remove the cover.*

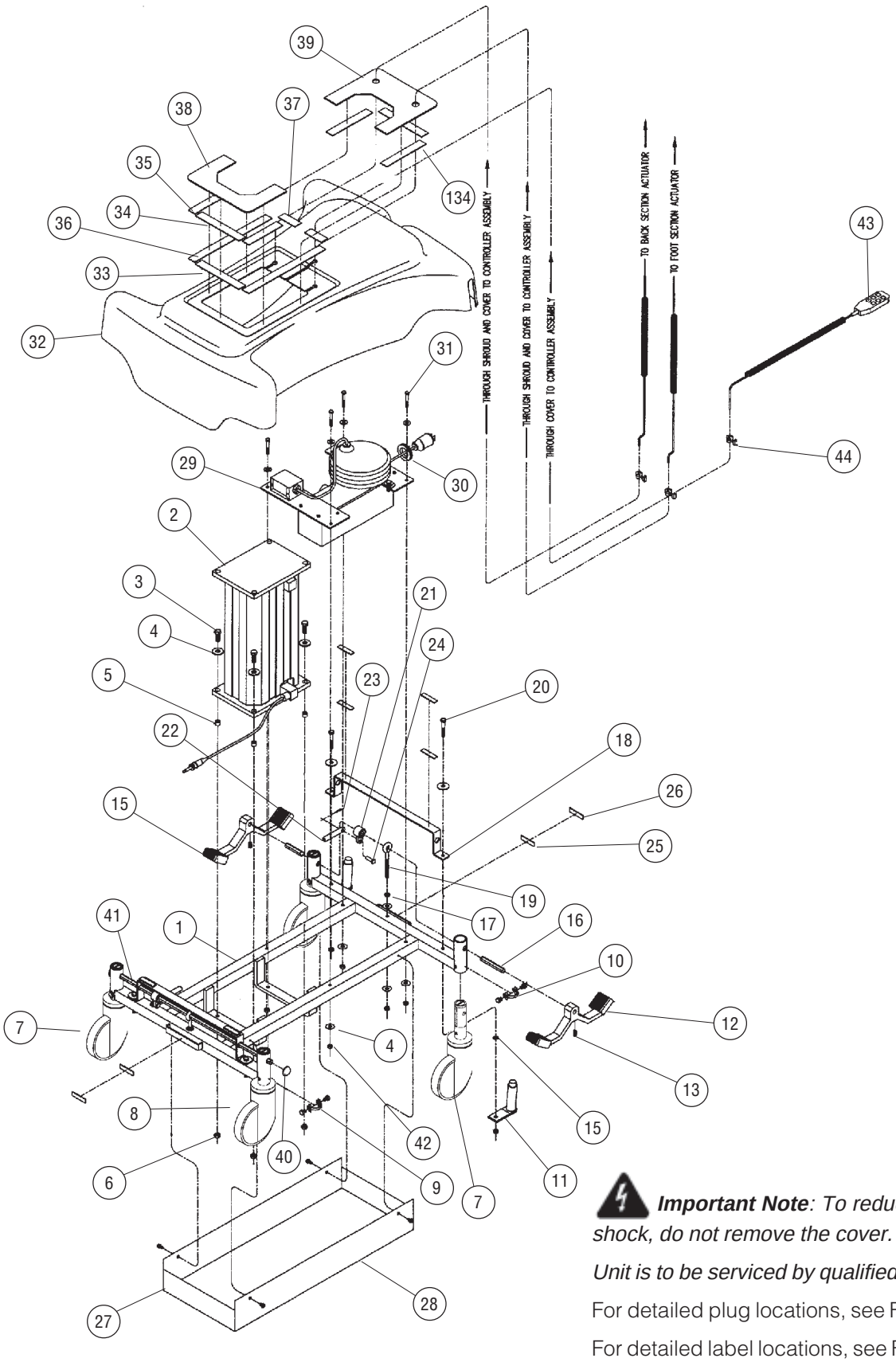
Unit is to be serviced by qualified personnel only.

For detailed plug locations, see Figures 7-11 & 7-12.

For detailed label locations, see Figure 7-13.

Figure 7-1. Base Assembly – 250 and 275/EYE (Units After 4/1/00)

FIG. & ITEM NO.	PART NUMBER	SVC	DESCRIPTION	UNITS PER ASSEMBLY	
7-1-			**BASE ASSEMBLY – 250 (UNITS AFTER 4/1/00)**	X	
			BASE ASSEMBLY – 275/EYE (UNITS AFTER 4/1/00)		X
1	068956		ASSEMBLY, EPC 250 AND ESC 275 Base Frame	1	1
2	068972		COLUMN, Electric	1	1
3	061350		SCREW, Hex Head Cap, 5/16-18 x 1-1/2" Long	4	4
4	031080		WASHER, Flat, 5/16"	20	20
5	066237		BUSHING, Column	4	4
6	031057		NUT, Lock, 5/16-18	10	10
7	076531		CASTER, Total Lock	3	3
8	076530		CASTER, Steering	1	1
9	062659		PLATE, Caster Bolt Lock	4	4
10	062685		M8 x 10 Hex Head Cap, SCREW, ...	8	8
11	075749		ASSEMBLY, Low Battery LED (90 8/1 /00)	1	1
12	066507		PEDAL, Brake, Left	1	1
13	031101		SCREW, Hex Head Cap, 1/4-20 x 1/2" Long	2	2
14	031092		WASHER, Lock, Internal Tooth, 5/16"	–	2
15	066508		PEDAL, Brake, Right	1	1
16	062687		ROD, Hex Brake, Long	1	1
17	031058		NUT, Free Thread, 5/16-18	2	2
18	068869		BRACKET, Cover Support	2	2
19	062688		BOLT, Eye	2	2
20	031334		SCREW, Hex Head Cap, 5/16-18 x 2.00" Long	4	4
21	062684		LINK, Cam	2	2
22	065396		TUBE, Cross Link	1	1
23	068417		CLIP, Rue, 5/16"	2	2
24	060018		PIN, Link	2	2
25	068513		VELCRO, Hook, 2.0" x 1/2"	6	6
26	068512		VELCRO, Pile, 2" x 1/2"	6	6
27	031416		SCREW, Type A Sefl-Tapping, 110 x 5/8" Long	4	4
28	068971		COVER, Bottom	1	1
29	076124		ASSEMBLY, Controller, 120V, EPC/ESC (After 4/1/00)	1	1
	076126		ASSEMBLY, Controller, 230V, EPD/ESD (After 4/1/00)	1	1
30	076122		COVER, Controller	1	1
31	031412		SCREW, Hex Head Cap, 1/4-20 x 1-3/4" Long	4	4
32	068984		COVER, Base	1	1
33	069796		VELCRO, Hook, White, 1.00" x 6.00"	4	4
34	069797		VELCRO, Pile, White, 1.00" x 2.00"	2	2
35	069764		VELCRO, Pile, White, 1.00" x 6.50"	1	1
36	069798		VECRO, Pile, White, 1.00" x 11.00"	2	2
37	069795		VELCRO, Hook, White, 1.00" x 4.50"	2	2
38	068856		SHROUD, EPC Column, Foot End	1	1
39	068857		SHROUD, EPC Column,Head End	1	1
40	062683		CAP, Starlock	2	2
41	068690		Rod, Hex Brake, Short	1	1
42	031055		NUT, Lock, 1/4-20	4	4
43	068959		PENDANT, 3 Button	1	1
44	068864		RELIEF, Strain	3	3
45	075744		BUTTON, Plug	1	1
46	000794		RIVET, 3/16"	2	2
47	076123		BRACKET, Cord Wrap	1	1
48	031074		WASHER, 3/16"	2	2
49	068982		RELIEF, Strain	1	1



***Important Note**: To reduce the risk of electric shock, do not remove the cover.*

Unit is to be serviced by qualified personnel only.

For detailed plug locations, see Figures 7-11 & 7-12.

For detailed label locations, see Figure 7-13.

Figure 7-2. Base Assembly – 250 and 275/EYE (Units Before 4/1/00)

FIG. & ITEM NO.		PART NUMBER		SVC	DESCRIPTION	UNITS PER ASSEMBLY					
7-2-					**BASE ASSEMBLY –250 (UNITS BEFORE4/1/00) .....** **BASE ASSEMBLY – 275/EYE (UNITS BEFORE 4/1/00) .....**	**X**	**X**				
1		068956			ASSEMBLY, EPC 250 AND ESC 275 Base Frame	1	1				
2		068972			COLUMN, Electric	1	1				
3		061350			SCREW, Hex Head Cap, 5/16-18 x 1-1/2" Long	4	4				
4		031076			WASHER, Flat, 1/4" SAE	20	20				
5		066237			BUSHING, Column	4	4				
6		031057			NUT, Lock, 5/16-18	10	10				
7		076531			CASTER, Total Lock	3	3				
8		076530			CASTER, Steering	1	1				
9		062659			PLATE, Caster Bolt Lock	4	4				
10		062685			SCREW, Hex Head Cap, M8 x 10" Long	8	8				
11		068306			STOP, 275 Surgical Leg	–	2				
12		066507			PEDAL, Brake, Left	1	1				
13		031101			SCREW, Set, 1/4-20 x 1/2" Long	2	2				
14		031092			WASHER, Lock, Internal Tooth, 5/16"	–	2				
15		066508			PEDAL, Brake, Right	1	1				
16		062687			Rod, Hex Brake, Long	1	1				
17		031058			NUT, Free Thread, 5/16-18	2	2				
18		068869			BRACKET, Cover Support	2	2				
19		062688			BOLT, Eye	2	2				
20		031334			SCREW, Hex Head Cap, 5/16-18 x 2.00" Long	4	4				
21		062684			LINK, Cam	2	2				
22		065396			TUBE, Cross Link	1	1				
23		068417			CLIP, Rue, 5/16"	2	2				
24		060018			PIN, Link	2	2				
25		068513			VELCRO, Hook, 2.0 x 1/2"	6	6				
26		068512			VELCRO, Pile, 2.0" x 1/2"	6	6				
27		031416			SCREW, Type “A” Self Tapping, #10 x 5/8" Long	4	4				
28		068971			COVER, Bottom	1	1				
29	P	764330	517		ASSEMBLY, Controller Reel, 120V, EPC/ESC (Before 4/1/00) .	1	1				
		076126			ASSEMBLY, Controller Reel, 230V, EPD/ESD (Before 4/1/00) .	1	1				
30		068981			GROMMET, Cord Reel	1	1				
31		031412			SCREW, Hex Head Cap, 1/4-20 x 1-3/4" Long	4	4				
32		068984			COVER, Base	1	1				
33		069796			VELCRO, Hook, White, 1.00" x 6.00"	4	4				
34		069797			VELCRO, Pile, White, 1.00" x 2.00"	2	2				
35		069764			VELCRO, Pile, White,1.00" x 6.50"	1	1				
36		069798			VELCRO, Pile, White,1.00" x 11.00"	2	2				
37		069795			VELCRO Hook, White, 1.00" x 4.50"	2	2				
38		068856			SHROUD, EPC Column, Foot End	1	1				
39		068857			SHROUD, EPC Column, Head End	1	1				
40		062683			CAP, Starlock	2	2				
41		068690			ROD, Hex Brake, Short	1	1				
42		031055			NUT, Lock, 1/4-20	4	4				
43		068959			PENDANT, 3 Button	1	1				
44		068864			RELIEF, Strain	3	3				

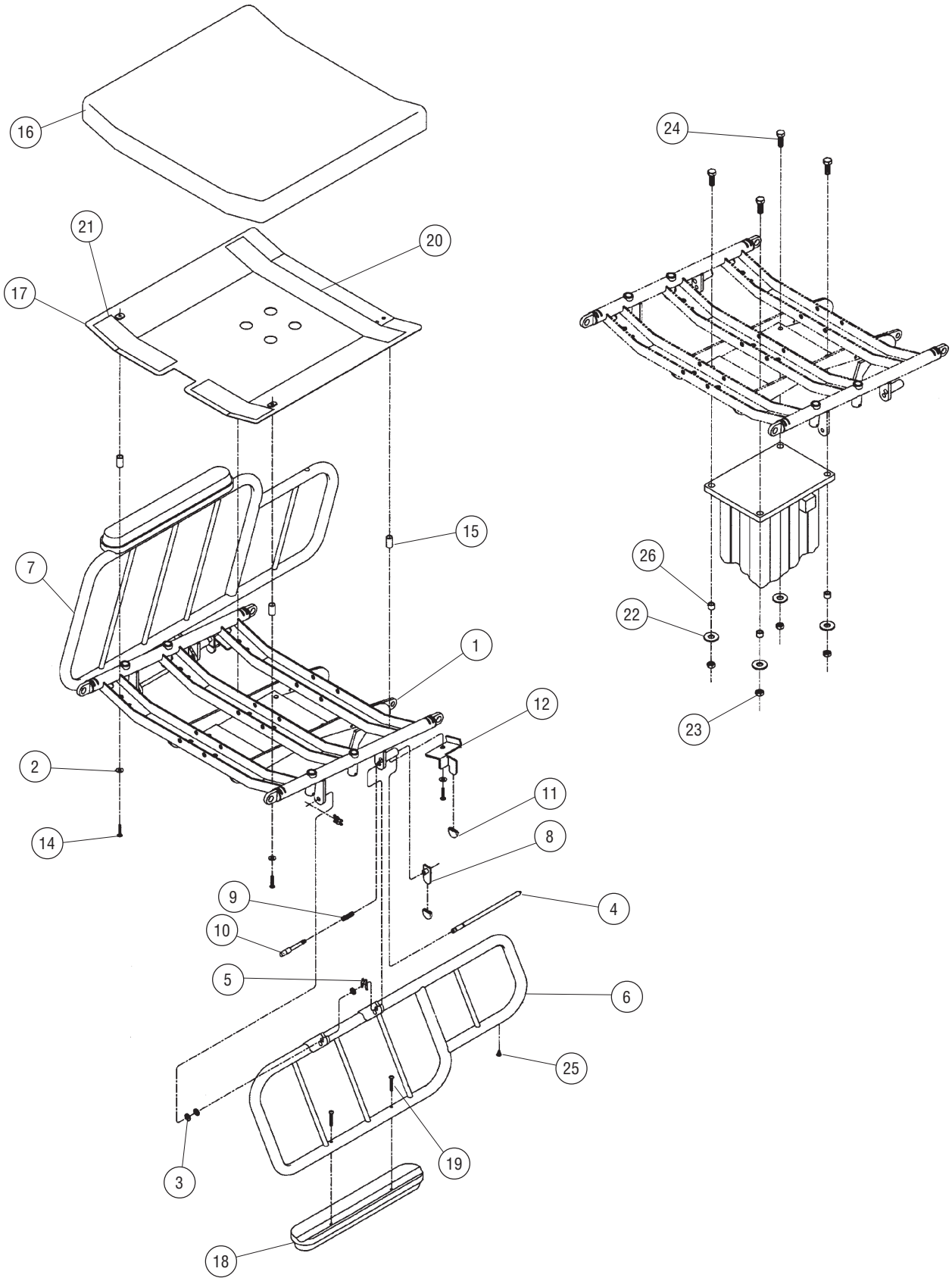
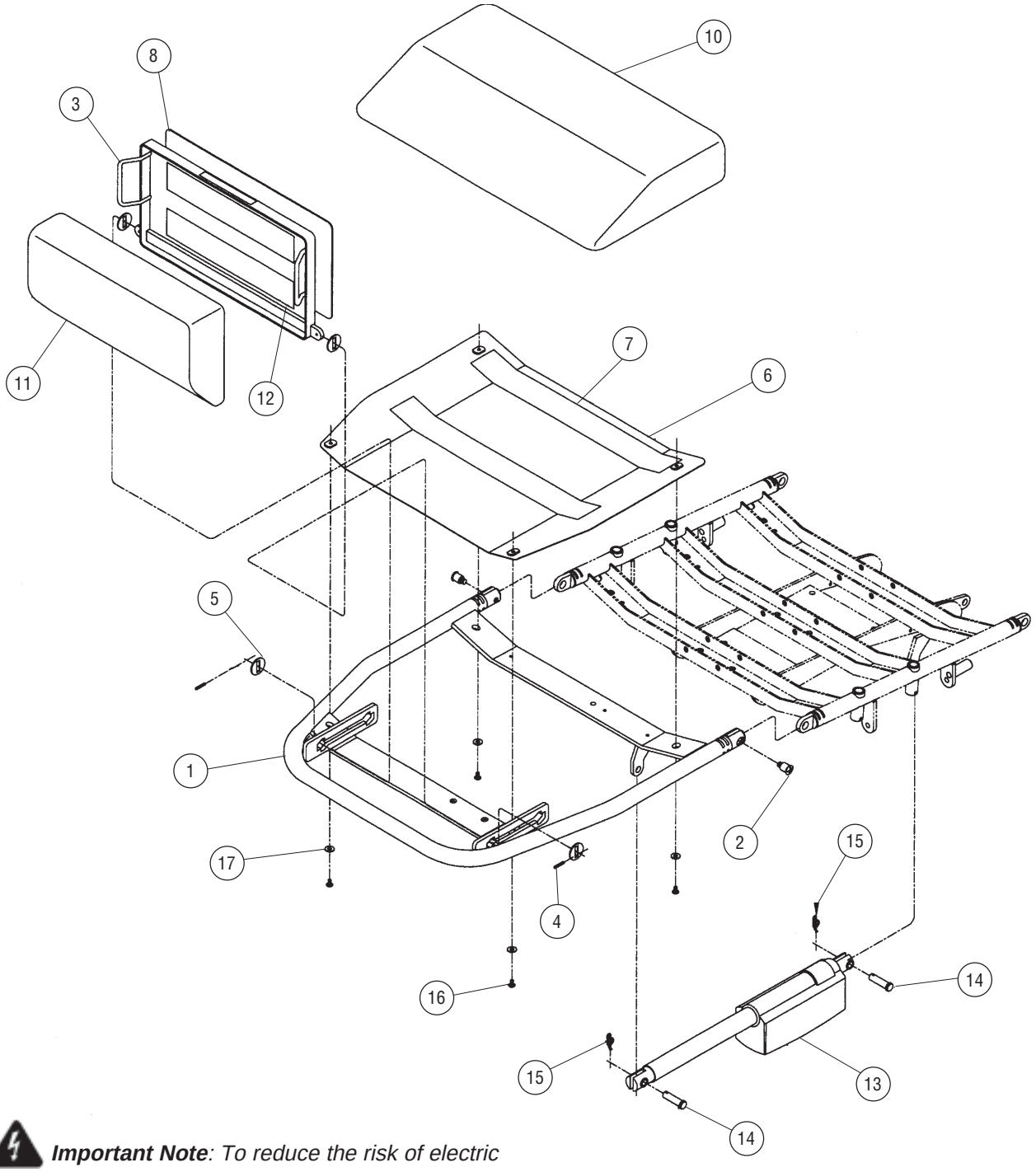


Figure7-3. Seat Section Assembly

FIG. & ITEM NO.		PART NUMBER		SVC	DESCRIPTION	UNITS PER ASSEMBLY
7-3-					**SEAT SECTION ASSEMBLY**	X
1		068952			WELDMENT, ESC/EPC Seat Section (Black)	1
	P	150830	398		WELDMENT, ESC/EPC Seat Section (Light Gray)	1
2		031364			WASHER, Flat, 1/4"	4
3		035115			WASHER, Nylon, 3/4 OD x .395" ID	6
4		061092			ROD, Rail Pivot	2
5		061125			WASHER, Removable Retaining	4
6		068994			RAIL, EPC ESC Side, Right (Black)	1
		068050			RAIL, EPC ESC Side, Right (Light Gray)	1
7		068995			RAIL, EPC ESC Side, Left (Black)	1
		068051			RAIL, EPC ESC Side, Left (Light Gray)	1
8		068993			ASSEMBLY, Rail Trigger Plate (Black)	2
		061067			ASSEMBLY, Rail Trigger Plate (Light Gray)	2
9		052763			SPRING, Rail Plunger	2
10		061101			PLUNGER	2
11		061091			TAB, Vinyl, Red	4
12		068992			PLATE, Stationary Trigger, Right (Black)	1
		061174			PLATE, Stationary Trigger, Right (Light Gray)	1
13		068991			PLATE, Stationary Trigger, Left (Black)	1
		061172			PLATE, Stationary Trigger, Left (Light Gray)	1
14		031500			SCREW, Truss Head Machine, 10-24 x 1.0" Long	4
15		052275			SPACER, Seat Pan	4
16	P	150830	387		CUSHION, Seat	1
17		068990			PLATE, Seat Cushion Support (Black)	1
		061148			PLATE, Seat Cushion Support (Light Gray)	4
18		068058			PAD, Arm Rest	2
19		068059			SCREW, Phillips Pan Head Cap, 110-32 x 1-1/4" Long	4
20		061007			VELCRO, Pile, 18"	1
21		066839			VELCRO, Pile, 8"	2
22		031080			WASHER, Flat, 5/16"	4
23		031057			NUT, Lock, 5/16-18	5
24		031012			SCREW, Hex Head Cap, 5/16-18 x 1.00" Long	4
25		068073			CLIP, Nylon Arrow	2
26		066237			BUSHING, Column	4

***NOTE**: For chairs manufactured during the following dates, certain components are/were colored as follows:*

- *Before 07/16/03 = Black*
- *After 07/16/03 = Light Gray*



***Important Note**: To reduce the risk of electric shock, do not remove the cover.*

Unit is to be serviced by qualified personnel only.

For detailed plug locations, see Figures 7-11 & 7-12.

For detailed label locations, see Figure 7-13.

Figure 7-4. Foot Section Assembly

FIG. & ITEM NO.	PART NUMBER		SVC	DESCRIPTION	UNITS PER ASSEMBLY
7-4-				**FOOT SECTION ASSEMBLY**	**X**
1		068987		ASSEMBLY, Welded Foot Section (Black)	1
	P	150830	397	ASSEMBLY, Welded Foot Section (Light Gray)	1
2		031036		SCREW, Phillips Oval Cap, 5/16-24 x 15/16" Long	2
3		068996		PAN, Foot Rest (Black)	1
		068060		PAN, Foot Rest (Light Gray)	1
4		031111		PIN, Spring, 1/8 x 5/8" Long	2
5		068063		WASHER, Special Nylon	4
6		068997		SHEET, Foot Rest Cover (Black)	1
		068072		SHEET, Foot Rest Cover (Light Gray)	1
7		061007		VELCRO, Pile, 2.00" x 18.00"	2
8		068113		MAT, For Foot Rest	1
9				Not Used	
10	P	150830	388	CUSHON, Leg Section	1
11	P	150830	389	CUSHON, Foot Section	1
12		061051		VELCRO, Pile, 2.00" x 11.00"	2
13		068961		ACTUATOR, Leg Rest	1
14		075627		PIN, Gas Spring Hinge (After 12/99)	2
		075628		Clip, Rue, 3/8" & PIN, Gas Spring Hinge (Prior to 12/99)	1
15		065258		Clip, Rue, 3/8" (After 12/99)	2
		075628		Clip, Rue, 3/8" & PIN, Gas Spring Hinge (Prior to 12/99)	1
16		061196		SCREW, Truss Head Machine, #10-24 x 3/8" Long	4
17		031364		WASHER, SAE, 1/4"	4

***Note**: For chairs manufactured during the following dates, certain components are/were colored as follows:*

- *Before 07/16/03 = Black*
- *After 07/16/03 = Light Gray*

***Important Note**: To reduce the risk of electric shock, do not remove the cover.*

Unit is to be serviced by qualified personnel only.

For detailed plug locations, see Figures 7-11 & 7-12.

For detailed label locations, see Figure 7-13.

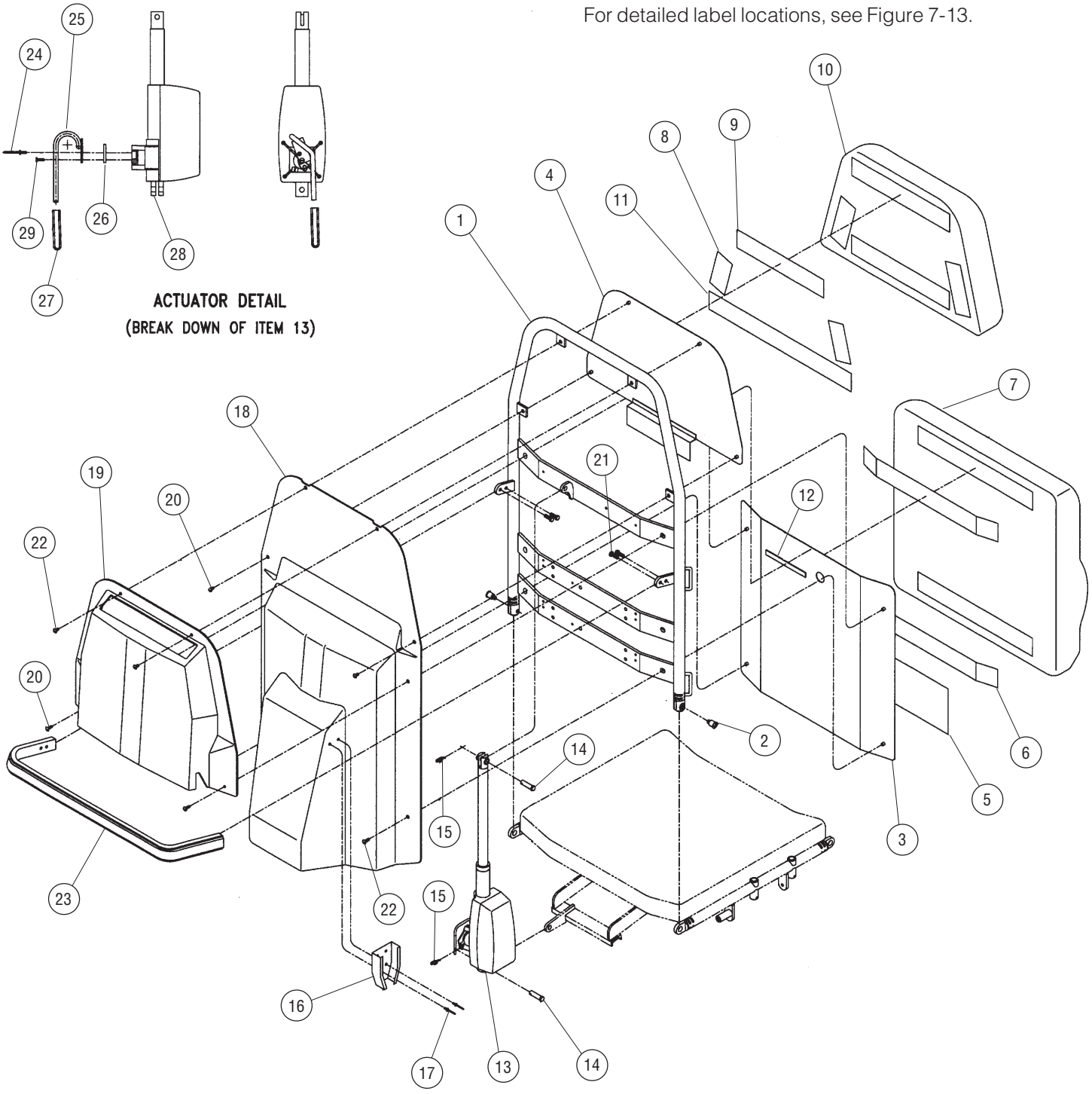
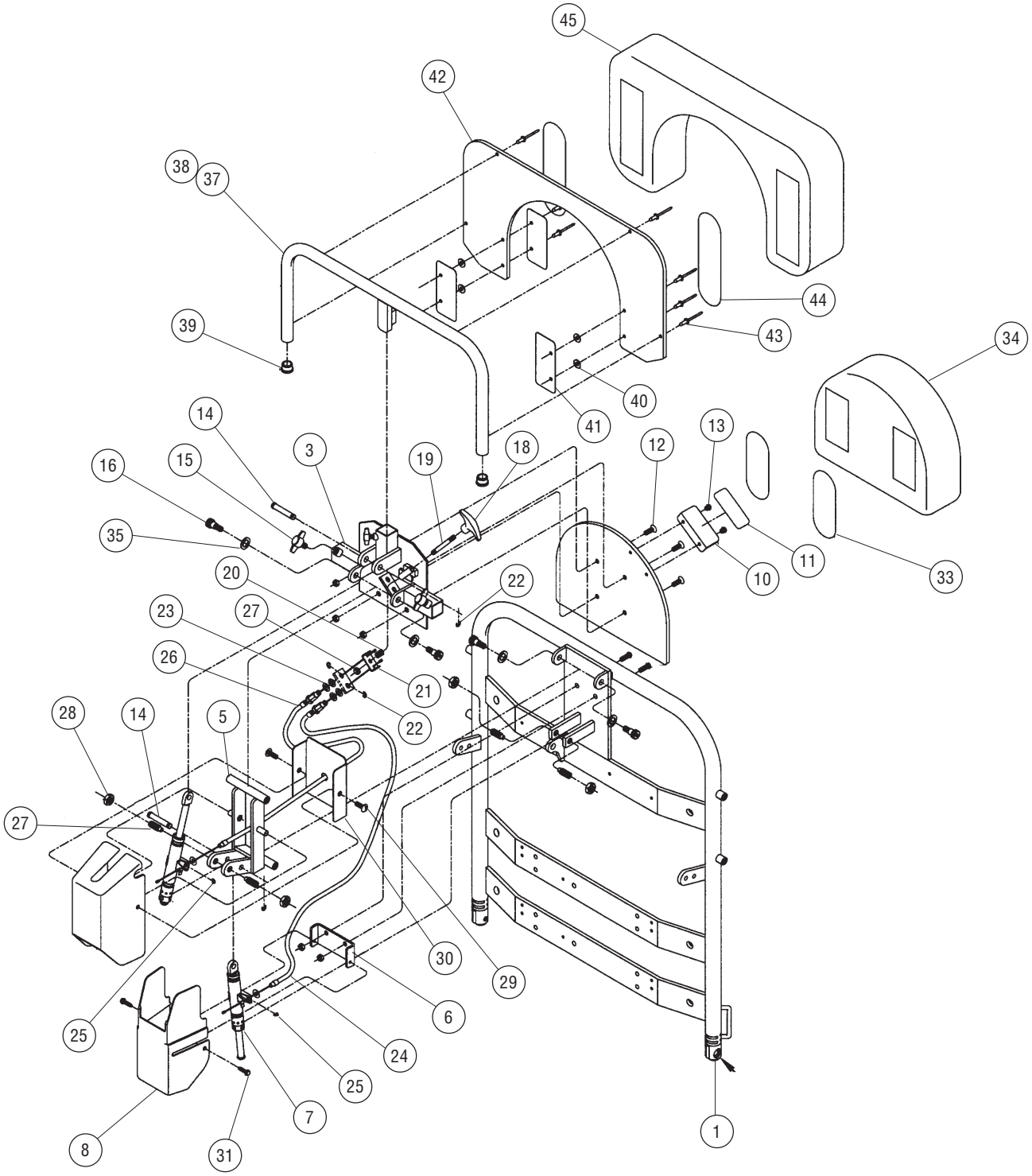


Figure 7-5. EPC250/EPD250 Back Section Assembly

FIG. & ITEM NO.	PART NUMBER			SVC	DESCRIPTION	UNITS PER ASSEMBLY
7-5-					**EPC250/EPD250 BACK SECTION ASSEMBLY**	X
1		068989			WELDMENT, EPC 250 Back Section (Black)	1
	P	150830	399		WELDMENT, EPC 250 Back Section (Light Gray)	1
2		031036			SCREW, Allen Cap, 5/16-24 x 15/16" Long	2
3		068852			PAN, Back Rest (Black)	1
		061057			PAN, Back Rest (Light Gray)	1
4		068851			PAN, Head Rest (Black)	1
		061062			PAN, Head Rest (Light Gray)	1
5		061191			COVER, Vinyl	1
6		061007			VELCRO, Pile, 2.00" x 19.00"	2
7	P	150830	386		PAD, Back	1
8		061006			VELCRO, Pile, 2.00" x 4.00"	2
9		061051			VELCRO, Pile, 2.00" x 11.00"	1
10	P	150830	385		PAD, Head	1
11		061007			VELCRO, Pile, 2.00" x 18.00"	1
12		000990			TAPE, Double Sided	1
13		075755			ASSEMBLY, Quick Drop Motor	1
14		075627			PIN, Gas Spring Hinge (After 12/99)	2
		075628			Clip, Rue, 3/8" & PIN, Gas Spring Hinge (Prior to 12/99)	1
15		065258			Clip, Rue, 3/8" (After 12/99)	2
		075628			Clip, Rue, 3/8" & PIN, Gas Spring Hinge (Prior to 12/99)	1
16		068858			HOLDER, Pendant	1
17		000794			RIVET, Pop, 1/8 x 3/8" Long	2
18		068974			COVER, Back, EPC 250	1
19		061142			HOLDER, APC Chart	1
20		061159			SCREW, Truss Head Machine, #10-24 x 5/8" Long	4
21		031337			SCREW, Hex Head Cap, 1/4-20 x 3/4	4
22		061196			SCREW, Truss Head Machine, #10-24 x 3/8" Long	4
23		061019			BAR, APC Push	1
24		031186			RIVET, 3/16"	1
25		P75720			HANDLE, Quick Drop	1
26		075441			PLATE, Spacer	1
27		066688			CAP, Vinyl, Red	1
28		075099			ACTUATOR, Quick Drop	1
29		075444			SCREW, Pan Head, M5 x 20 MM long	1

***Note**: For chairs manufactured during the following dates, certain components are/were colored as follows:*

- *Before 07/16/03 = Black*
- *After 07/16/03 = Light Gray*



For detailed label locations, see Figure 7-13.

Figure 7-6. Model 275 Head Section

FIG. & ITEM NO.	PART NUMBER		SVC	DESCRIPTION	UNITS PER ASSEMBLY
7-6-				**MODEL 275 HEAD SECTION**	**X**
1		068957		WELDMENT, ASC275 Back Section	1
2		068632		BOARD, Head	1
3		068631		WELDMENT, Support Plate	1
4		031324		SCREW, Flat Socket Head Cap, 1/4-20 x 1/2" Long	1
5		067614		FRAME, Head Support	1
6		067620		PLATE, Cover Mounting	1
7		067622		MECHLOCK	2
8		068314		COVER, Top	1
9				Not Used	
10		065813		LABEL, Operating, Angle	1
11		065802		LABEL, Operating	1
12		031320		SCREW, Flat Socket Head Cap,1/4-20 x 3/4" Long	3
13		031326		SCREW, Button Head Socket, #10-24 x 1/4" Long	2
14		065808		PIN, Head Support	2
15		065796		KNOB, Tee	3
16		065807		BOLT, Shoulder, 3/8" x 3/8"	4
17		031055		NUT, Lock, 1/4-20	6
18		055215		KNOB, Handle	1
19		067626		ROD, Release	1
20		065806		SPRING, Control Cable	1
21		067624		PLATE, Cable Pull	1
22		061344		RING, Retaining, 5/16"	4
23		031081		WASHER, Shim, 5/16" I.D.	4
24		067625		CABLE, Head Support, Long	1
25		062641		RING, Retaining, 1/4"	2
26		067627		CABLE, Head Support, Short	1
27		065809		SCREW, Socket Head Set, 3/8-16	4
28		031428		NUT,Jam, 3/8-16	4
29	P	124257	108	SCREW, Truss Head Machine, 1/4-20 x 3/4" Long	2
30		068309		COVER, Headrest Top	1
31		031420		SCREW, Self-Tapping, #10-24 x 3/4" Long	2
32		062038		SCREW, Button Head Socket, 1/4-20 x 3/4" Long	2
33		067828		VELCRO, Hook, 2.0" x 5.0"	2
34		068627		PAD, ASC-275 Head Section	1
35		035115		WASHER, Nylon, .395" ID x 3/4" O.D.	4
36		031364		WASHER, SAE Flat, 1/4"	2
37		068644		EXTENSION, Pre-Op/ Post-Op Head	1
38		068645		WELDMENT, Head Extension	1
39		031175		PLUG, Hole, 3/4-18	2
40		031364		WASHER, Flat, 1/4"	4
41		067886		PLATE, Head Extension	4
42		068641		BOARD, Head Extension	1
43		031186		RIVET, Pop, 3/16"	8
44		062437		VELCRO, Hook, 2.0" x 7.0"	2
45		068637		PAD, Head Extension	1
46		061198		LABEL, Head and Foot Warning (N.S.)	1

***Important Note**: To reduce the risk of electric shock, do not remove the cover.*

Unit is to be serviced by qualified personnel only.

For detailed plug locations, see Figures 7-11 & 7-12.

For detailed label locations, see Figure 7-14.

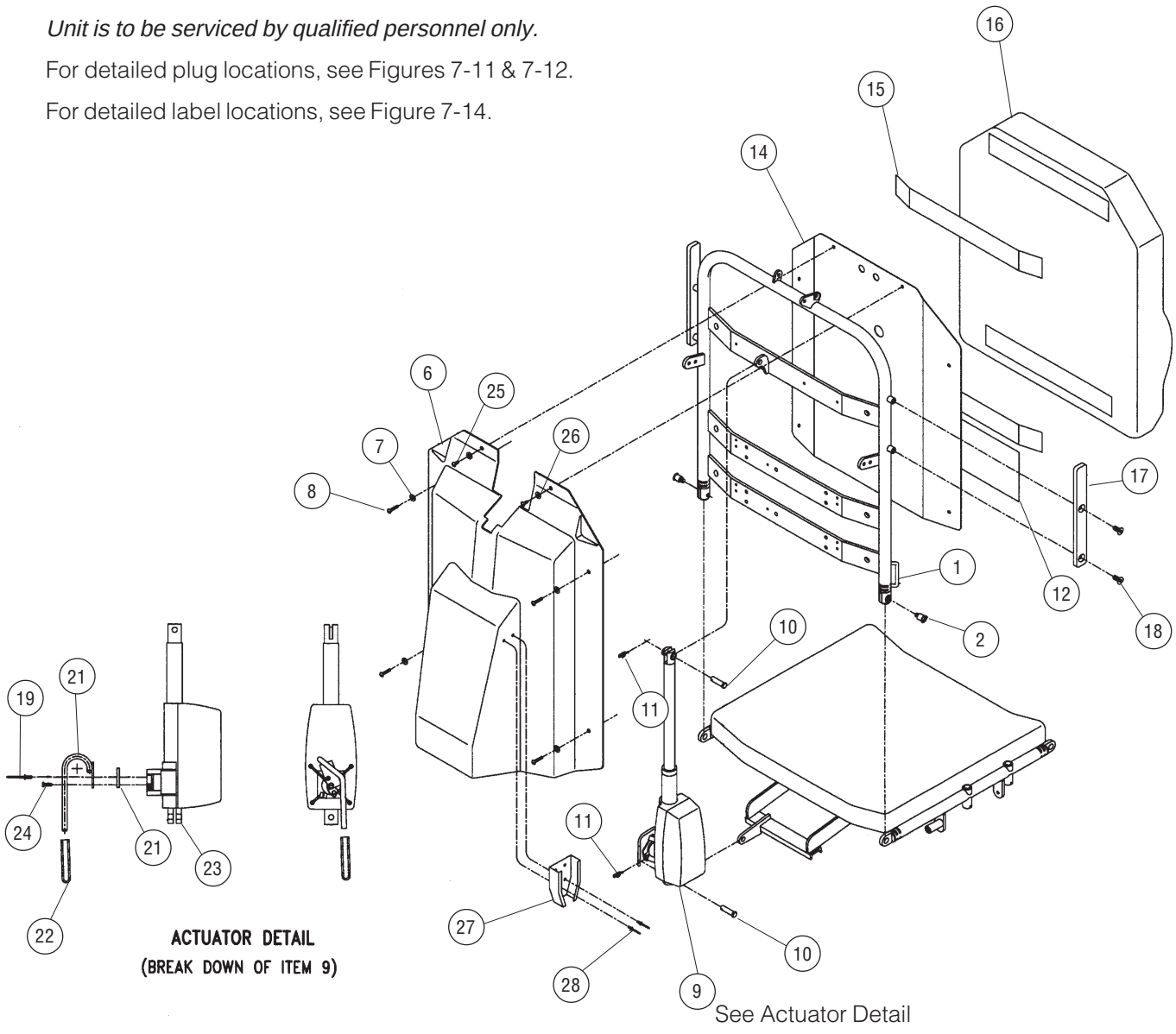
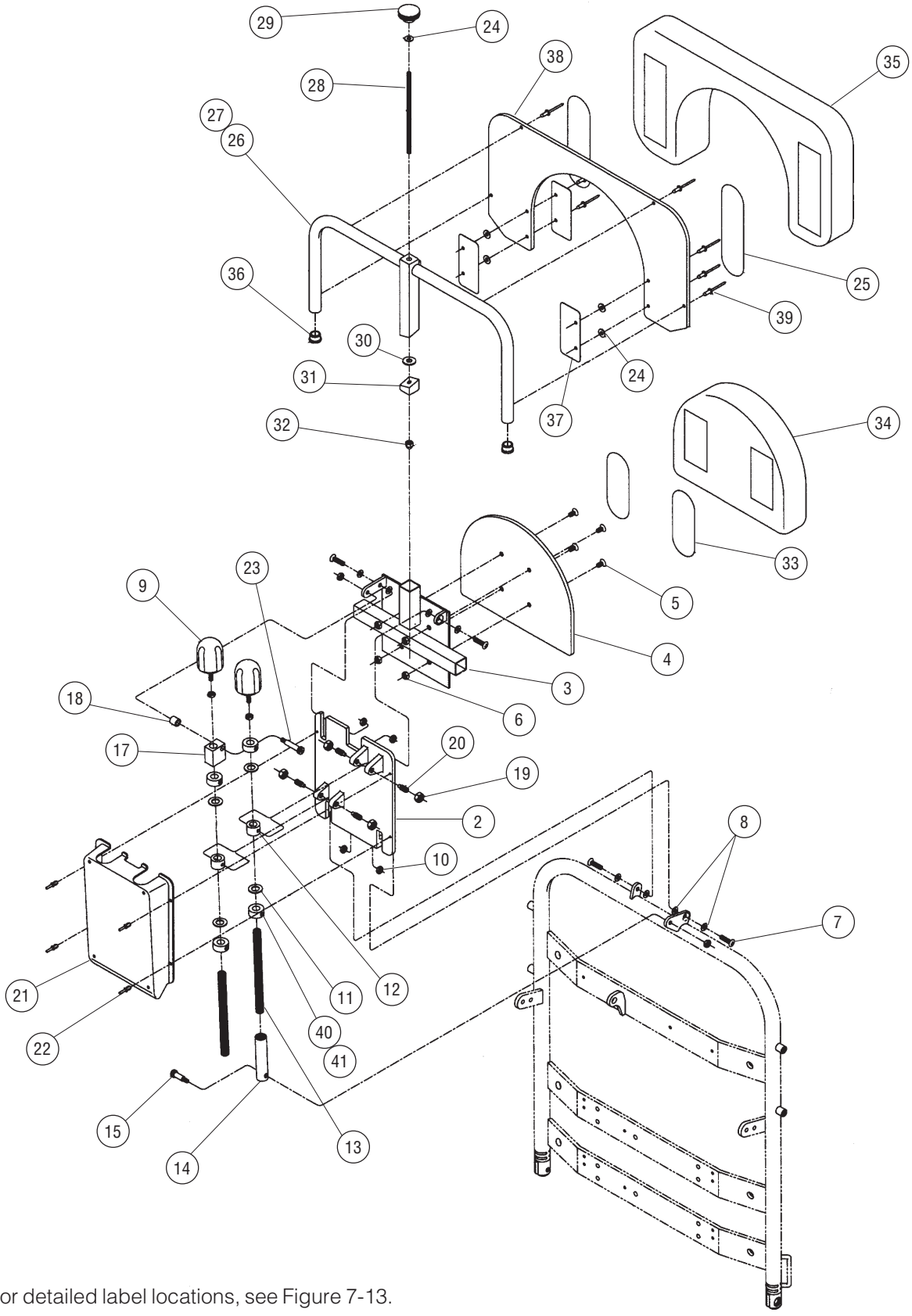


Figure 7-7. ESCEYE/ESDEYE Back Section Assembly

FIG. & ITEM NO.	PART NUMBER			SVC	DESCRIPTION	UNITS PER ASSEMBLY
7-7-					**ESCEYE/ESDEYE BACK SECTION ASSEMBLY .....**	X
1		075223			WELDMENT, ESC EYE Back Section (Black)	1
	P	150830	401		WELDMENT, ESC EYE Back Section (Light Gray)	1
2		031036			SCREW, Phillips Oval Head Socket, 5/16-24 x 15/16" Long	2
3		075099			ACTUATOR, Back Section	1
4		075627			PIN, Hinge	2
5		031137			RING, Retaining	2
6		075219			COVER, ESC Back Section	1
7		031364			WASHER, SAE, 1/4"	6
8		031500			SCREW, Truss Head Machine, #10-24 x 1.00" Long	4
9		075755			ASSEMBLY, Quick Drop Motor	1
10		075627			PIN, Gas Spring Hinge	2
11		065258			CLIP, Rue, 3/8"	2
12		061191			COVER, Vinyl	1
13		000787			WASHER, Flat, 7/32" ID x 1.00" OD	2
14		068998			PAN, Back (Black)	1
	P	150830	400		PAN, Back (Light Gray)	1
15		061007			VELCRO, Pile, 2.00" x 18.00"	2
16	P	150830	395		PAD, Back Section	1
17		068300			BAR, Surgical	2
18		031034			SCREW, Flat Socket Head, 5/16-18 x 3/4"Long	4
19		031186			RIVET, 3/16"	1
20		P75720			HANDLE, Quick Drop	1
21		075441			PLATE, Spacer	1
22		066688			CAP, Vinyl, Red	1
23		075099			ACTUATOR, Quick Drop	1
24		075444			SCREW, Pan Head, M5 x 20 MM Long	1
25		031055			SCREW, Truss Head Machine, #10-24 x 3/8" Long	2
26		031100			WASHER, Nylon, 5/16" ID x 3/4" OD	2
27		068858			HOLDER, Pendant	1
28		000794			RIVET, Pop, 1/8" x 3/8" Long	2

***Note**: For chairs manufactured during the following dates, certain components are/were colored as follows:*

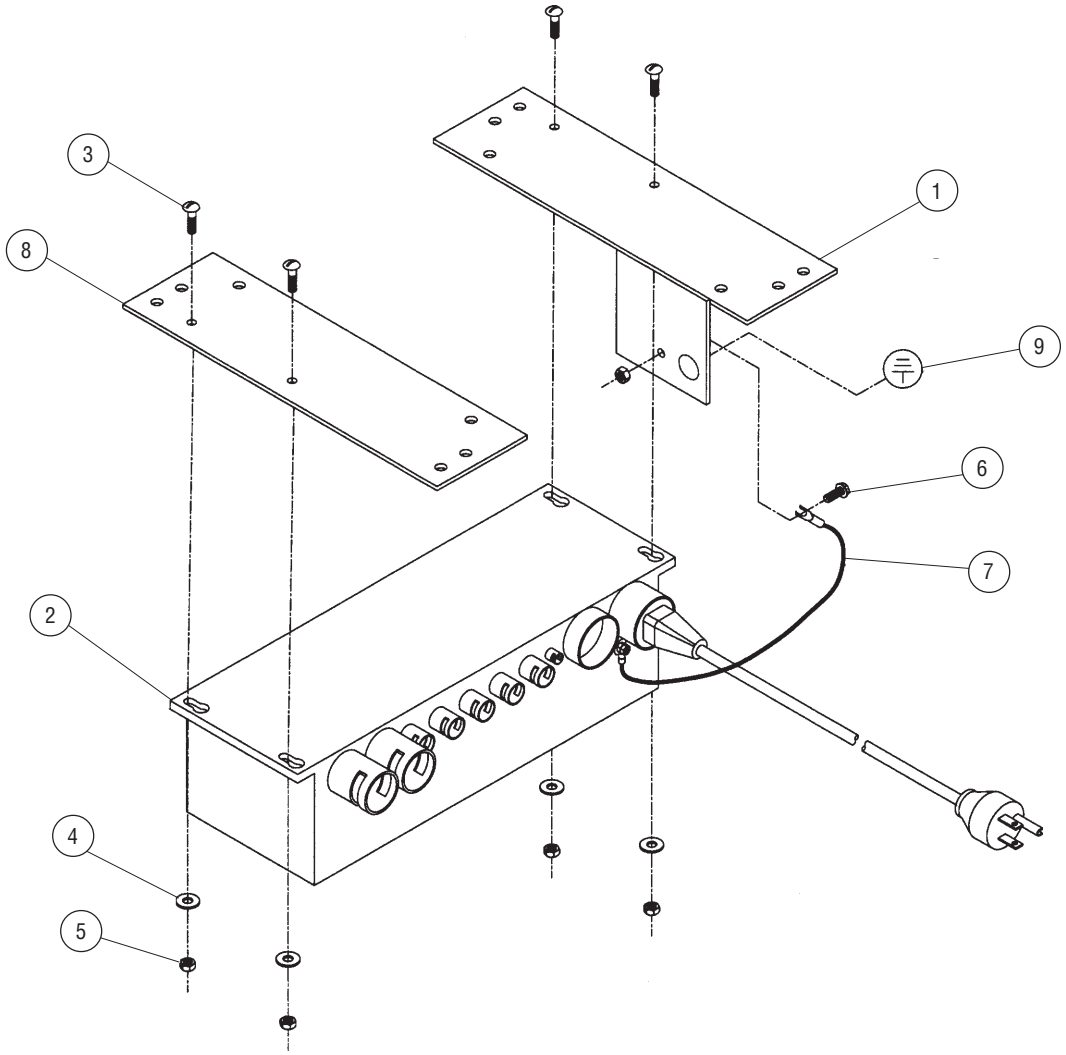
- *Before 07/16/03 = Black*
- *After 07/16/03 = Light Gray*



For detailed label locations, see Figure 7-13.

Figure 7-8. Model EYE Head Section

FIG. & ITEM NO.		PART NUMBER		SVC	DESCRIPTION	UNITS PER ASSEMBLY
7-8-					**MODEL EYE HEAD SECTION**	X
1					Not Used	
2		075124			CASTING, Pivot Plate	1
3		075120			ASSEMBLY, Head Boar Support Plate	1
4		068632			BOARD, Head	1
5		031320			SCREW, Flat Head, 1/4-20 x 3/4" Long	4
6		031055			1/4-20 LOCK NUT	4
7		031037			SCREW, 1/4-20 x 1-1/2" Long	4
8		075145			WASHER, Nylon, 1/4" I.D. x 1/2" O.D. x 1/32" Thick	8
9		075130			KNOB, Head Adjustment	2
10		068784			NUT, Jam, 1/4-20	8
11		055119			WASHER, Nylon, 1/2" I.D. x 1.00" O.D.	4
12		075131			GUIDE, Screw	2
13		075129			SCREW, Head Adjustment	2
14		075132			NUT, Articulating	1
15		035114			BOLT, Shoulder, 5/16" x 3/4" Long	1
16					Not Used	
17		075133			NUT, Height Adjustment	1
18		075147			SPACER, Nut	1
19		031058			NUT, Free Thread, 5/16-18	4
20		075134			SCREW, Dog Point Set, 5/16-18 x 3/4" Long	4
21		075139			COVER, Articulating Headrest	1
22		075150			RIVET, Nylon Drive, 3/16"	4
23		066617			BOLT, Shoulder, 5/16 x 1-1/4	1
24		031364			1/4 WASHER	5
25		062437			HOOK, Velcro, 2.0" x 7.0"	2
26		075210			EXTENSION, Pre-Op / Post-Op Head	1
27		075209			WELDMENT, Head Extension Frame	1
28		075213			SCREW, Extension Knob	1
29		068618			KNOB, Slide	1
30		031100			WASHER, Nylon, 5/16" I.D. x 3/4" O.D. x 1/16" Thick	1
31		075138			BAR, Wrist Rest Mounting	1
32		031507			NUT, Acorn, 1/4-20	1
33		067828			HOOK, Velcro, 2.0" x 5.0"	2
34	P	150830	393		PAD, ASC-575 Head Section	1
35	P	150830	394		PAD, ASC-575 Extension	1
36		031175			PLUG, Hole, 3/4-18 Gage	2
37		067886			PLATE, Head Extension	4
38		068641			BOARD, Head Extension	1
39		031186			RIVET, Pop, 3/16"	8
40		075227			COLLAR, Adjustment Screw Lock	4
41		031102			SCREW, Set	4



***Important Note**: To reduce the risk of electric shock, do not remove the cover.*

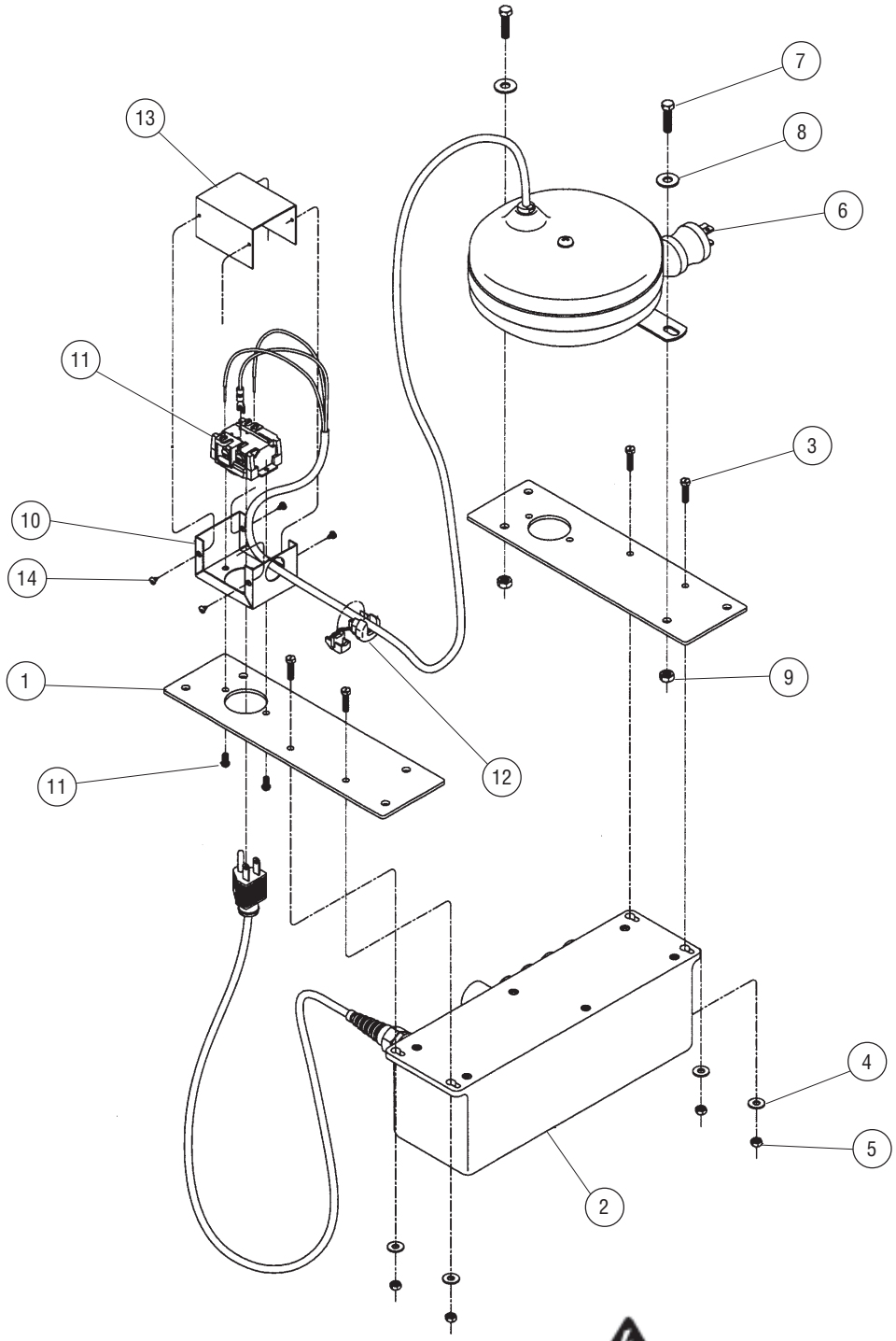
Unit is to be serviced by qualified personnel only.

For detailed plug locations, see Figures 7-11 & 7-12.

For detailed label locations, see Figure 7-13.

Figure 7-9. Controller Assembly (Units after 4/1/00)

FIG. & ITEM NO.	PART NUMBER	SVC	DESCRIPTION	UNITS PER ASSEMBLY
7-9-			**CONTROLLER ASSEMBLY (UNITS AFTER 4/1/00) .....**	**X**
1	076120		WELDMENT, Controller Hanger	1
2	076115		CONTROLLER, CB-12, 120V, EPC/ESC	1
	076116		CONTROLLER, CB-12, 230V, EPD/ESD	1
3	031500		SCREW, Slotted Truss Head, #10-24 x 1.0" Long	4
4	031074		WASHER, Flat, #10	4
5	031421		NUT, Lock, #10	5
6	031000		SCREW, Hex Head Washer, #10-24 x 1/2" Long	1
7	076125		WIRE, Controller Ground	1
8	P68975		HANGER, Controller	1
9	076132		LABEL, Ground	1
10	075759	*	BATTERY, Replacement (Not Shown)	2
			** Located inside of controller.*	



***Important Note**: To reduce the risk of electric shock, do not remove the cover.*

Unit is to be serviced by qualified personnel only.

For detailed plug locations, see Figures 7-11 & 7-12.

For detailed label locations, see Figure 7-13.

Figure 7-10. Controller Reel Assembly (Units before 4/1/00)

FIG. & ITEM NO.	PART NUMBER		SVC	DESCRIPTION	UNITS PER ASSEMBLY					
7-10-				**CONTROLLER REEL ASSEMBLY (UNITS BEFORE 4/1/00) ....**	**X**					
1		P68975		HANGER, Controller	2					
2		076126		CONTROLLER, CB-10, 120V, EPC/ESC	1					
		068898		CONTROLLER, CB-10, 230V, EPD/ESD	1					
3		031003		SCREW, Hex Slotted Head Cap, #10-24 x 3/4" Long	4					
4		031074		WASHER, Flat, #10	4					
5		031421		NUT, Lock, #10	4					
6	P	764330	517	REEL, Cord	1					
7		031017		SCREW, Hex Head Cap, 1/4-20 x 1.00" Long	2					
8		031364		WASHER, Flat, 1/4"	2					
9		031055		NUT, Lock, 1/4-20	2					
10		068979		BASE, Junction Box	1					
11		068976		RECEPTACLE, Hospital Made	1					
12		068982		RELIEF, Strain	1					
13		068980		COVER, Junction Box	1					
14		031097		SCREW, Sheet Metal, #6 x 1/4" Long	4					
15		068897		BATTERY, Replacement	4					

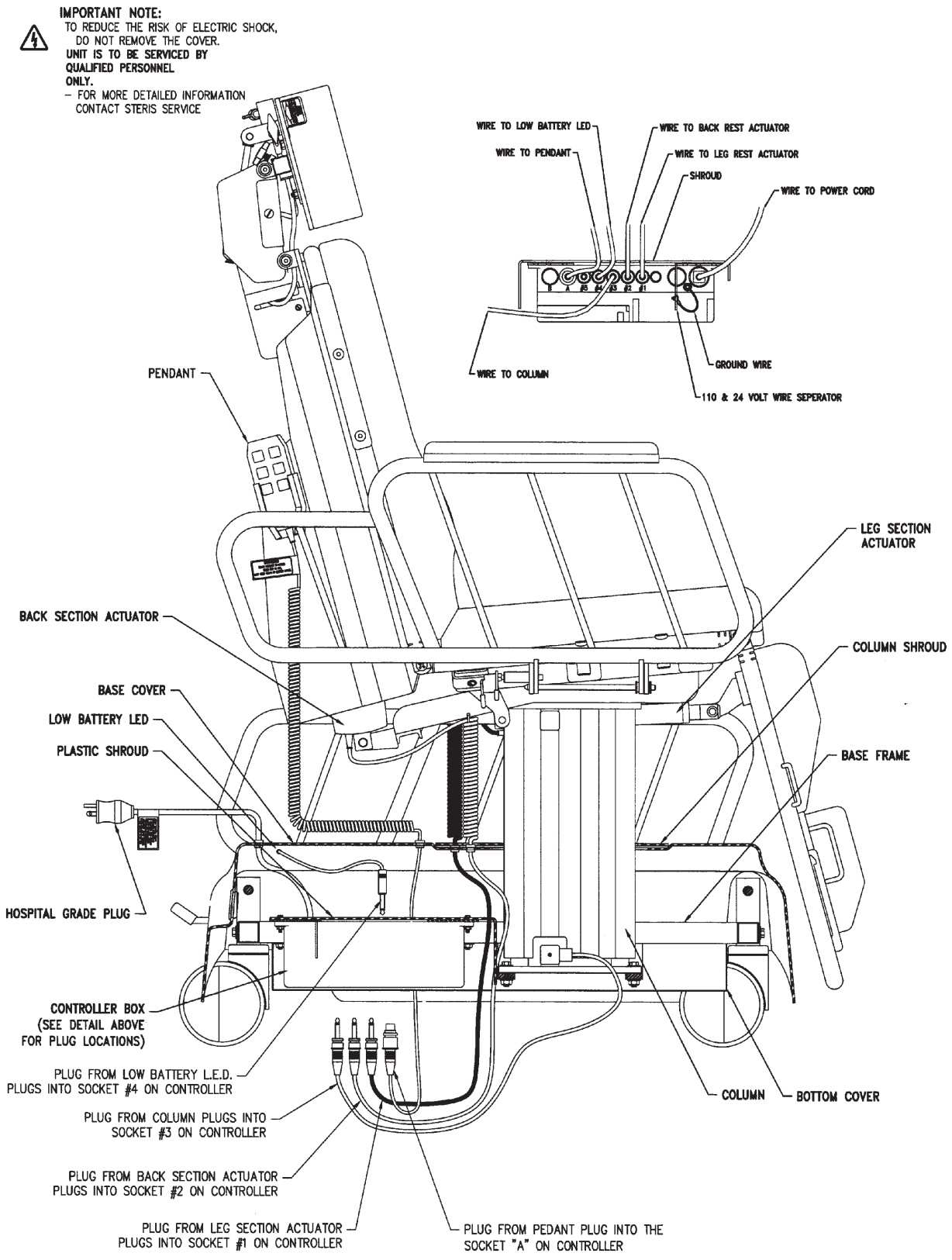

IMPORTANT NOTE:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER.
UNIT IS TO BE SERVICED BY QUALIFIED PERSONNEL ONLY.
– FOR MORE DETAILED INFORMATION CONTACT STERIS SERVICE
WIRE TO LOW BATTERY LED
WIRE TO BACK REST ACTUATOR
WIRE TO PENDANT
WIRE TO LEG REST ACTUATOR
SHROUD
WIRE TO POWER CORD
WIRE TO COLUMN
GROUND WIRE
110 & 24 VOLT WIRE SEPERATOR
PENDANT
LEG SECTION ACTUATOR
BACK SECTION ACTUATOR
COLUMN SHROUD
BASE COVER
LOW BATTERY LED
PLASTIC SHROUD
BASE FRAME
HOSPITAL GRADE PLUG
CONTROLLER BOX (SEE DETAIL ABOVE FOR PLUG LOCATIONS)
PLUG FROM LOW BATTERY L.E.D. PLUGS INTO SOCKET #4 ON CONTROLLER
COLUMN
BOTTOM COVER
PLUG FROM COLUMN PLUGS INTO SOCKET #3 ON CONTROLLER
PLUG FROM BACK SECTION ACTUATOR PLUGS INTO SOCKET #2 ON CONTROLLER
PLUG FROM LEG SECTION ACTUATOR PLUGS INTO SOCKET #1 ON CONTROLLER
PLUG FROM PEDANT PLUG INTO THE SOCKET "A" ON CONTROLLER

Figure 7-11. Plug and Wiring Diagram (Units after 4/1/00)

FIG. & ITEM NO.	PART NUMBER	SVC	DESCRIPTION	UNITS PER ASSEMBLY
7-11-			**PLUG AND WIRING DIAGRAM (UNITS AFTER 4/1/00)** Refer to Figure 7-11 for details.	

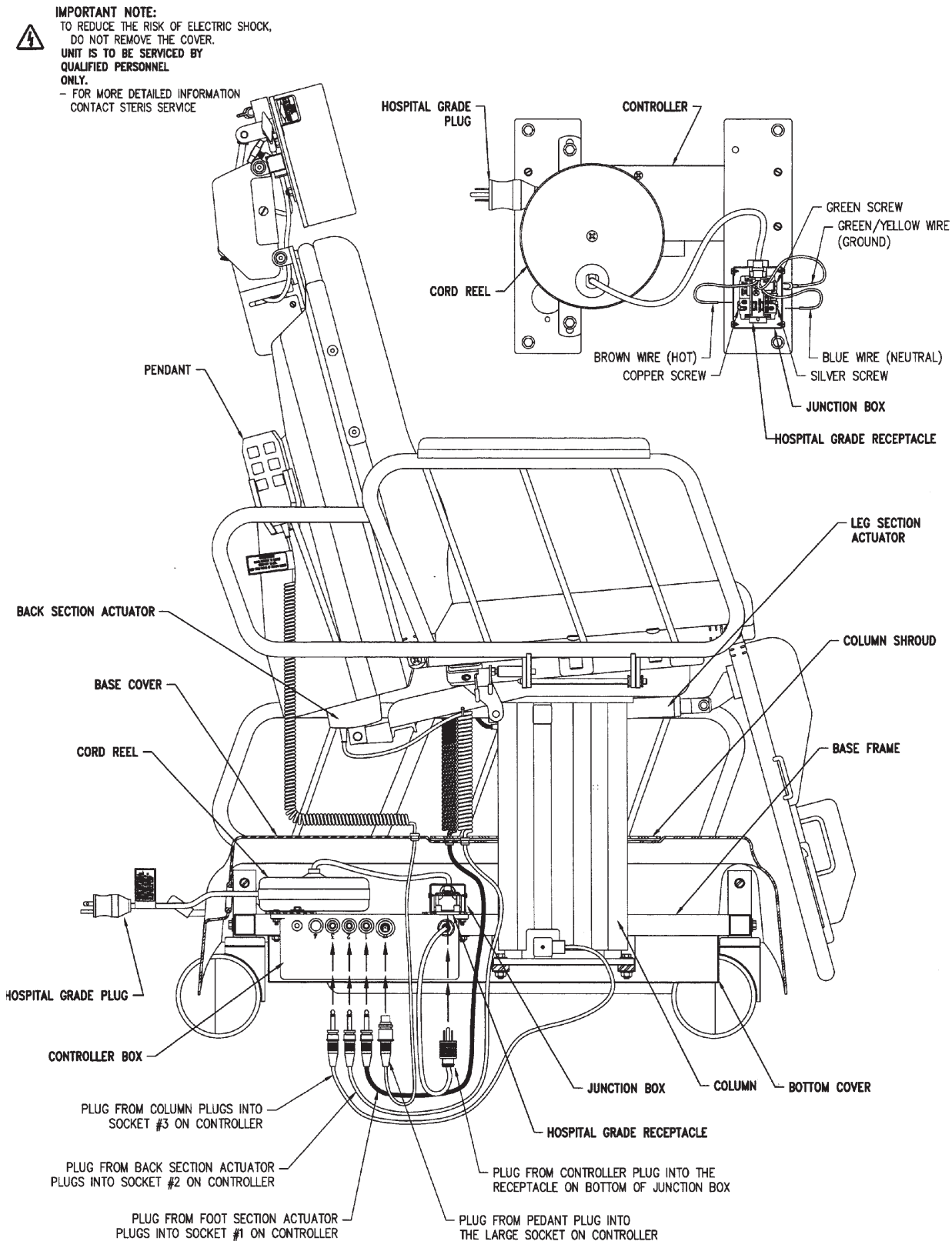

IMPORTANT NOTE:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER.
UNIT IS TO BE SERVICED BY QUALIFIED PERSONNEL ONLY.
– FOR MORE DETAILED INFORMATION CONTACT STERIS SERVICE
HOSPITAL GRADE PLUG
CONTROLLER
GREEN SCREW
GREEN/YELLOW WIRE (GROUND)
CORD REEL
BROWN WIRE (HOT)
COPPER SCREW
BLUE WIRE (NEUTRAL)
SILVER SCREW
JUNCTION BOX
HOSPITAL GRADE RECEPTACLE
PENDANT
LEG SECTION ACTUATOR
BACK SECTION ACTUATOR
COLUMN SHROUD
BASE COVER
CORD REEL
BASE FRAME
HOSPITAL GRADE PLUG
CONTROLLER BOX
JUNCTION BOX
COLUMN
BOTTOM COVER
PLUG FROM COLUMN PLUGS INTO SOCKET #3 ON CONTROLLER
HOSPITAL GRADE RECEPTACLE
PLUG FROM BACK SECTION ACTUATOR PLUGS INTO SOCKET #2 ON CONTROLLER
PLUG FROM CONTROLLER PLUG INTO THE RECEPTACLE ON BOTTOM OF JUNCTION BOX
PLUG FROM FOOT SECTION ACTUATOR PLUGS INTO SOCKET #1 ON CONTROLLER
PLUG FROM PEDANT PLUG INTO THE LARGE SOCKET ON CONTROLLER

Figure 7-12. Plug and Wiring Diagram (Units before 4/1/00)

FIG. & ITEM NO.	PART NUMBER	SVC	DESCRIPTION	UNITS PER ASSEMBLY
7-12-			**PLUG AND WIRING DIAGRAM (UNITS BEFORE 4/1/00)** Refer to Figure 7-12 for details.	

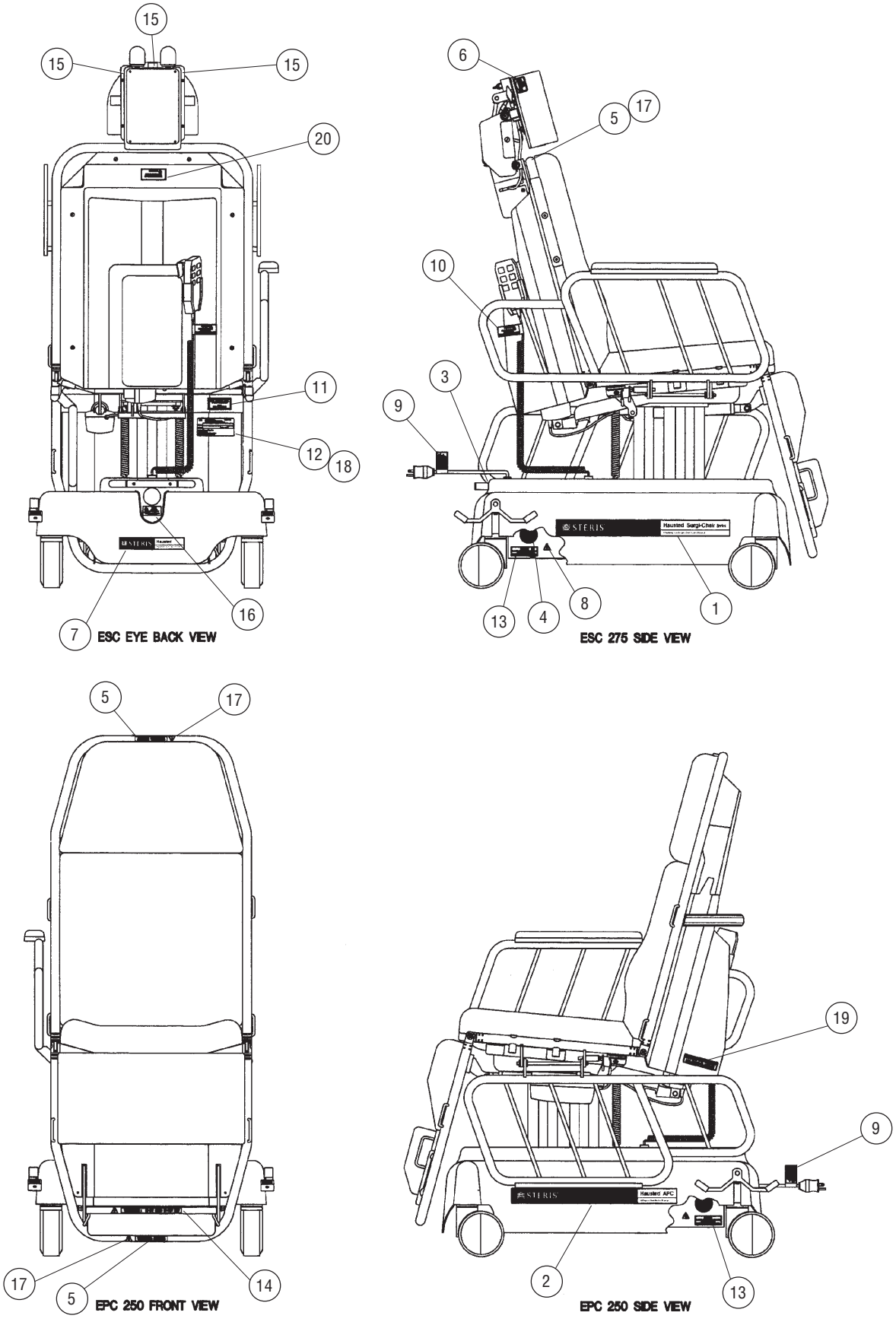


Figure 7-13. Label Locations

FIG. & ITEM NO.	PART NUMBER	SVC	DESCRIPTION	UNITS PER ASSEMBLY		
7-13-			**LABEL LOCATIONS – 250**	X		
			LABEL LOCATIONS – 275		X	
			LABEL LOCATIONS – EYE			X
1	075852		LABEL, ART Head Surgical Chairs	–	2	2
2	075853		LABEL, APC Chair, Electric	2	–	–
3	076130		OVERLAY, Slot	1	1	1
4	075484		LABEL, Unplug Before Servicing	2	2	2
5	061198		LABEL, Head and Foot Warning	2	2	2
6	065802		LABEL, Operation	–	1	–
7	075831		LABEL. Base End	2	2	2
8	075478		LABEL, Dangerous Voltage	2	2	2
9	055025		LABEL, Hospital Grade Plug (120V Models Only)	1	1	1
10	075496		LABEL, Pendant	1	1	1
11	063022		LABEL, STERIS Serivice Department	1	I	1
12			Not Available			
			Not Available			
13	068855		LABEL, Electrical Service	2	2	2
14	061141		LABEL, Foot Rest Warning	1	1	1
15	075748		LABEL, Low Profile Operationg Instruction	–	–	1
16	076148		LABEL, ETL Testing, (After 5/1/00) (120V Models Only)	1	1	1
17	075479		LABEL, Hazard	3	3	3
18	031458		OVERLAY, Clear	1	1	1
19	075040		LABEL, Quick Drop	1	1	1
20	075492		LABEL, Max. Patient Weight	1	1	1

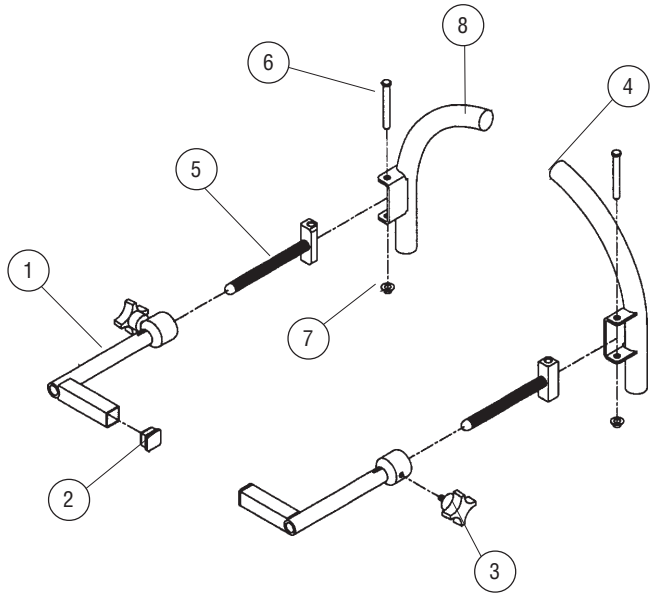


Figure 7-14. Wrist Rest Assembly – Model ESC275/ESD275, Dual Side Wrist Rest

FIG. & ITEM NO.	PART NUMBER	SVC	DESCRIPTION	UNITS PER ASSEMBLY					
7-14-			**WRIST REST ASSEMBLY – MODEL ESC275/ESD275, DUAL SIDE WRIST REST**	**X**					
	069423		ASSEMBLY, Sub-, Left Wrist Rest	1					
	069422		ASSEMBLY, Sub-, Right Wrist Rest		1				
1	067636		• ASSEMBLY, Wrist Rest Support	2	2				
2	067849		• INSERT, Square	2	2				
3	066738		• KNOB, With, Stud, 1/4-20 x 1/2" Long	2	2				
4	069420		• ASSEMBLY, Left Wrist Rest	1	1				
5	066740		• ASSEMBLY, Short Hinge Bar	2	2				
6	065954		• PIN, Clevis, 5/16" Dia.	2	2				
7	031444		• NUT, PAL, 5/16"	2	2				
8	069421		• ASSEMBLY, Right Wrist Rest Tube	1	1				

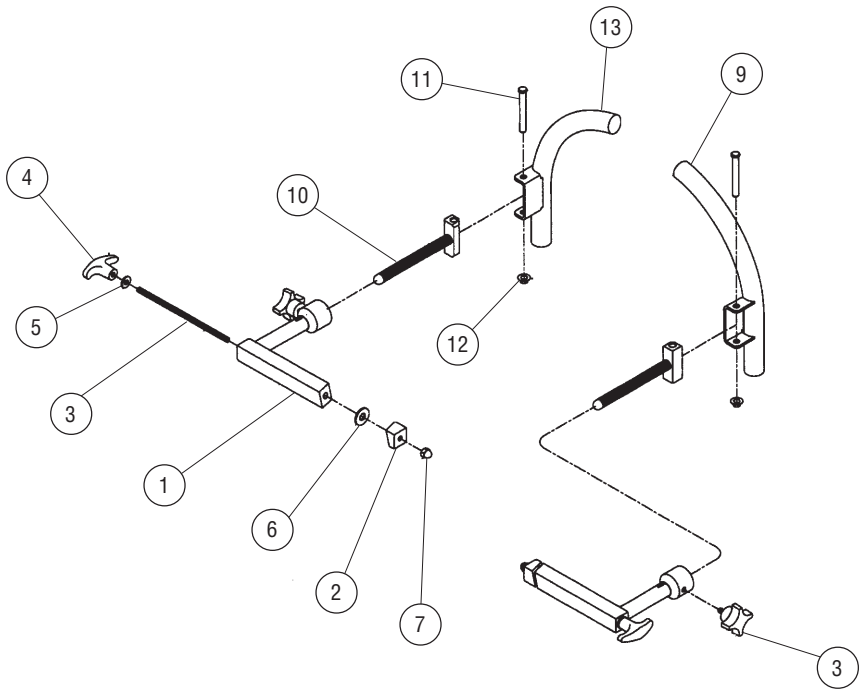


Figure 7-15. Wrist Rest Assembly – Model ESCEYE/ESDEYE, Dual Side Wrist Rest

FIG. & ITEM NO.	PART NUMBER	SVC	DESCRIPTION	UNITS PER ASSEMBLY					
7-15-			**WRIST REST ASSEMBLY – MODEL ESCEYE/ESDEYE, DUAL SIDE WRIST REST**	**X**	**X**	**X**			
	075142		ASSEMBLY, Wrist Rest Support	2					
1	075135		• WELDMENT, Wrist Rest Support	2					
2	075138		• BAR, Wrist Rest Mounting	2					
3	075141		• SCREW, Wrist Rest Knob	2					
4	055215		• KNOB, T-Handle	2					
5	031364		• WASHER, Flat, 1/4"	1					
6	031100		• WASHER, Nylon, 5/16" I.D. x 3/4" O.D. x 1/16" Thick	2					
7	031507		• NUT, Acorn, 1/4-20	2					
8	066738		• KNOB, With, Stud, 1/4-20 x 1/2" Long	2					
	075143		ASSEMBLY, Sub-, Left Wrist Rest	–	1				
	075144		ASSEMBLY, Sub-, Right Wrist Rest	–	–	1			
9	069420		• ASSEMBLY, Left Wrist Rest	–	1	1			
10	066740		• ASSEMBLY, Short Hinge Bar	–	2	2			
11	065954		• PIN, Clevis, 5/16" Dia.	–	2	2			
12	031444		• NUT, PAL, 5/16"	–	2	2			
13	069421		• ASSEMBLY, Right Wrist Rest Tube	–	1	1			

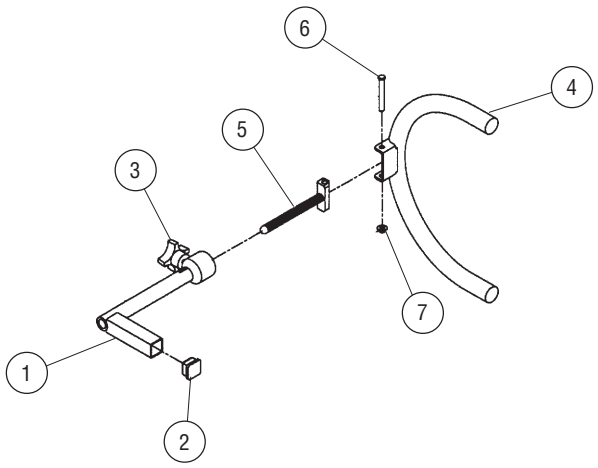


Figure 7-16. Wrist Rest Assembly – Model ESC275/ESD275, Full “U” Wrist Rest

FIG. & ITEM NO.	PART NUMBER	SVC	DESCRIPTION	UNITS PER ASSEMBLY
7-16-			**WRIST REST ASSEMBLY – MODEL ESC275/ESD275, FULL "U" WRIST REST .....**	**X**
	067739		ASSEMBLY, Sub-, Full Wrist Rest Support	1
1	067636		• ASSEMBLY, Wrist Rest Support	1
2	067849		• INSERT, Square	1
3	066738		• KNOB, With, Stud, 1/4-20 x 1/2"	1
4	065959		• ASSEMBLY, Full "U" Wrist Rest	1
5	066740		• ASSEMBLY, Short Hinge Bar	1
6	065954		• PIN, Clevis, 5/16 Dia.	1
7	031444		• NUT, PAL, 5/16"	1

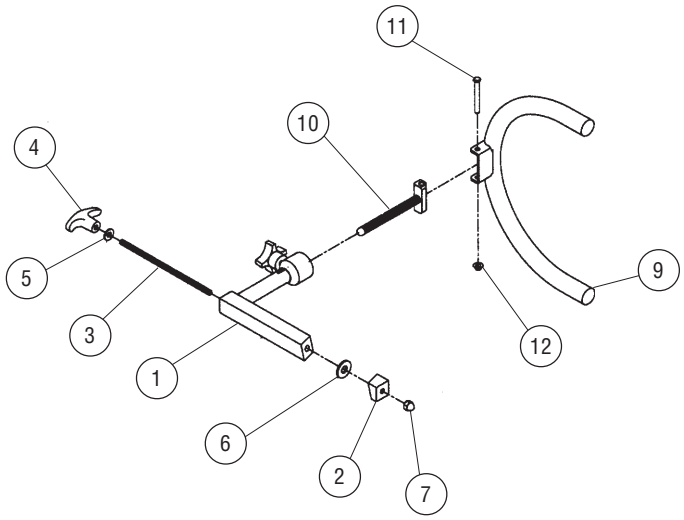


Figure 7-17. Wrist Rest Assembly – Model ESCEYE/ESDEYE, Full “U” Wrist Rest

FIG. & ITEM NO.	PART NUMBER	SVC	DESCRIPTION	UNITS PER ASSEMBLY
7-17-			**WRIST REST ASSEMBLY – MODEL ESCEYE/ESDEYE, FULL "U" WRIST REST**	**X**
	075142		ASSEMBLY, Wrist Rest Support	1
1	075135		• WELDMENT, Wrist Rest Support	1
2	075138		• BAR, Wrist Rest Mounting	1
3	075141		• SCREW, Wrist Rest Knob	1
4	055215		• KNOB, T-Handle	1
5	031364		• WASHER, Flat, 1/4"	1
6	031100		• WASHER, Nylon, 5/16" I.D. x 3/4" O.D. x 1/16" Thick	1
7	031507		• NUT, Acorn, 1/4-20	1
8	066738		• KNOB, With, Stud, 1/4-20 x 1/2"	1
	075151		ASSEMBLY, Sub-, Full Wrist Rest	1
9	065959		• ASSEMBLY, Full "U" Wrist Rest	1
10	066740		• ASSEMBLY, Short Hinge Bar	1
11	065954		• PIN, Clevis, 5/16" Dia.	1
12	031444		• NUT, PAL, 5/16"	1